

BLACK BEAR & ARCHERY

Hunting and Harvest Report

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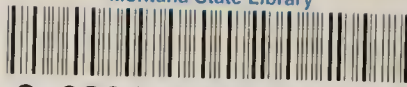
Hunting, Harvest & Chase Report



*Montana Department of
Fish, Wildlife & Parks*

1992
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ARCHERY

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MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1992 ARCHERY HUNTING AND HARVEST REPORT

JULY 23, 1993

PREFACE

1992 ARCHERY HUNTING AND HARVEST REPORT

Survey Approach

Resident and nonresident archery permit holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via mail survey for nonresidents.

Definitions

TOTAL HUNTERS.....The number of hunters who hunted one or more days

HUNTER DAYS.....Sum of whole days or portions of days hunted

PERCENT SUCCESS.....The number of successful hunters divided by the
total number of hunters and multiplied by 100

TOTAL KILL.....Estimated total kill for all age/sex classes

Explanations

The archery hunting and harvest statistics are estimates made from a sample of 3,086 returned questionnaires representing about 12% of the 26,465 archery permit holders. Due to the small sample size, estimates are reported only at the regional and state level.

The antler statistics for mule deer, whitetail deer, and elk are actual frequencies within the sample and are not expanded estimates.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

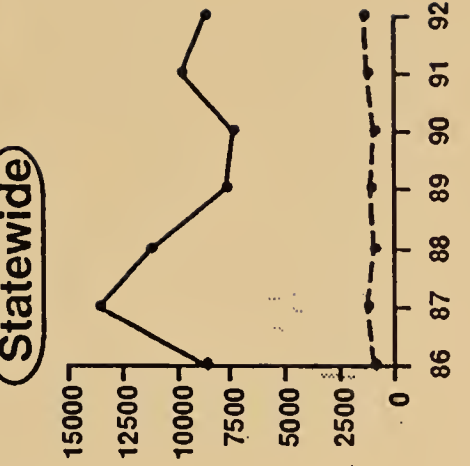
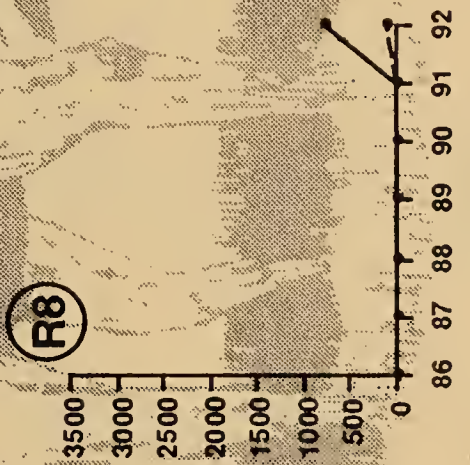
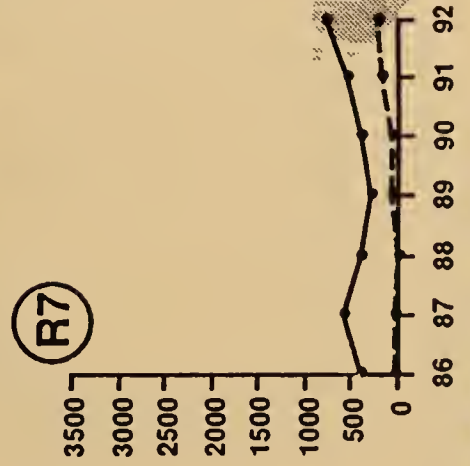
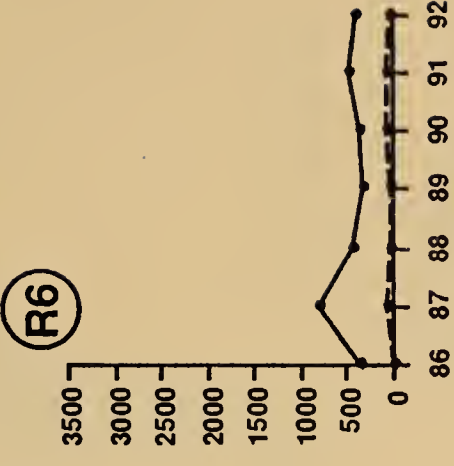
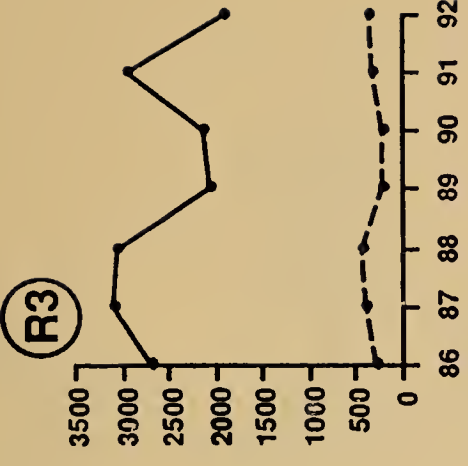
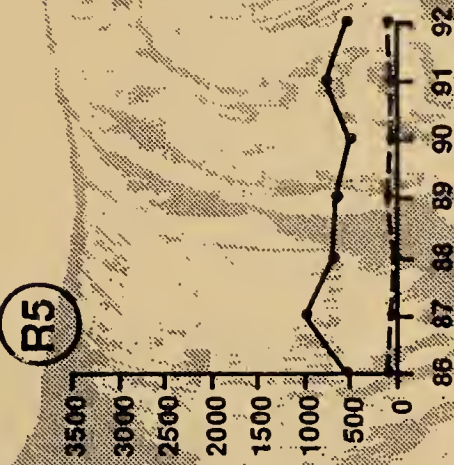
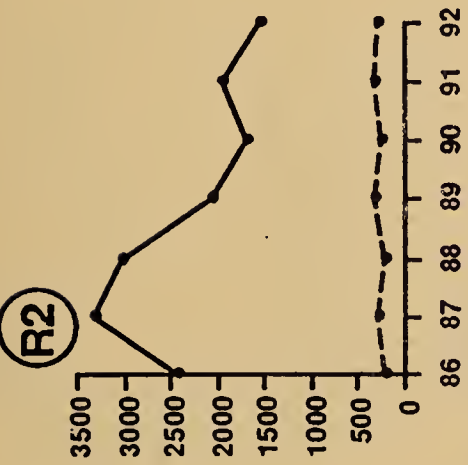
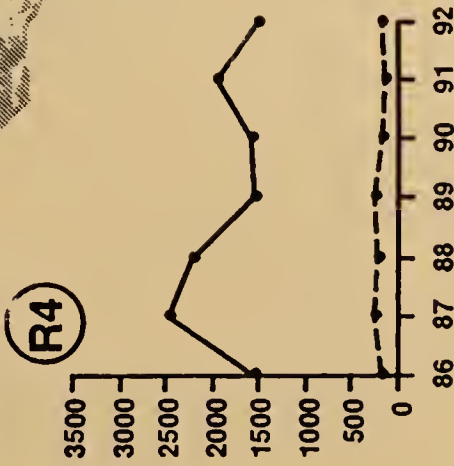
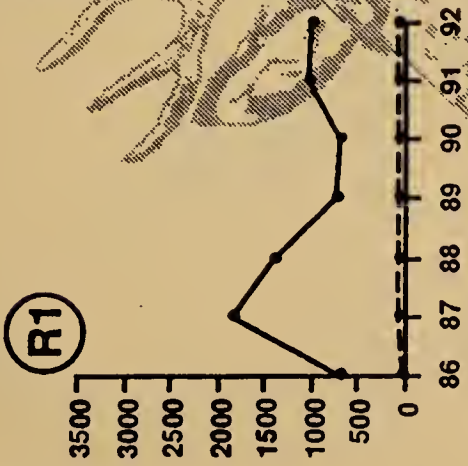
In the archery mule deer and whitetail reports for license years 1987 and 1988, numbers for hunters and hunter days represented deer hunters and were the same for mule deer and for whitetail deer. Percent success for mule deer and whitetail were separate estimates and were calculated as mule deer or whitetail deer kill divided by total deer hunters and multiplied by 100. For license years 1989 - 1992, we asked for days hunted for mule deer and for whitetail deer separately. Because of this, the estimates for hunters, hunter days, and percent success for the two species are independent and cannot be compared directly with estimates from the previous two years.



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Number of Hunters and
Mule Deer Harvested



—•— Mule Deer Archery Hunters
- - -•- Mule Deer Harvested

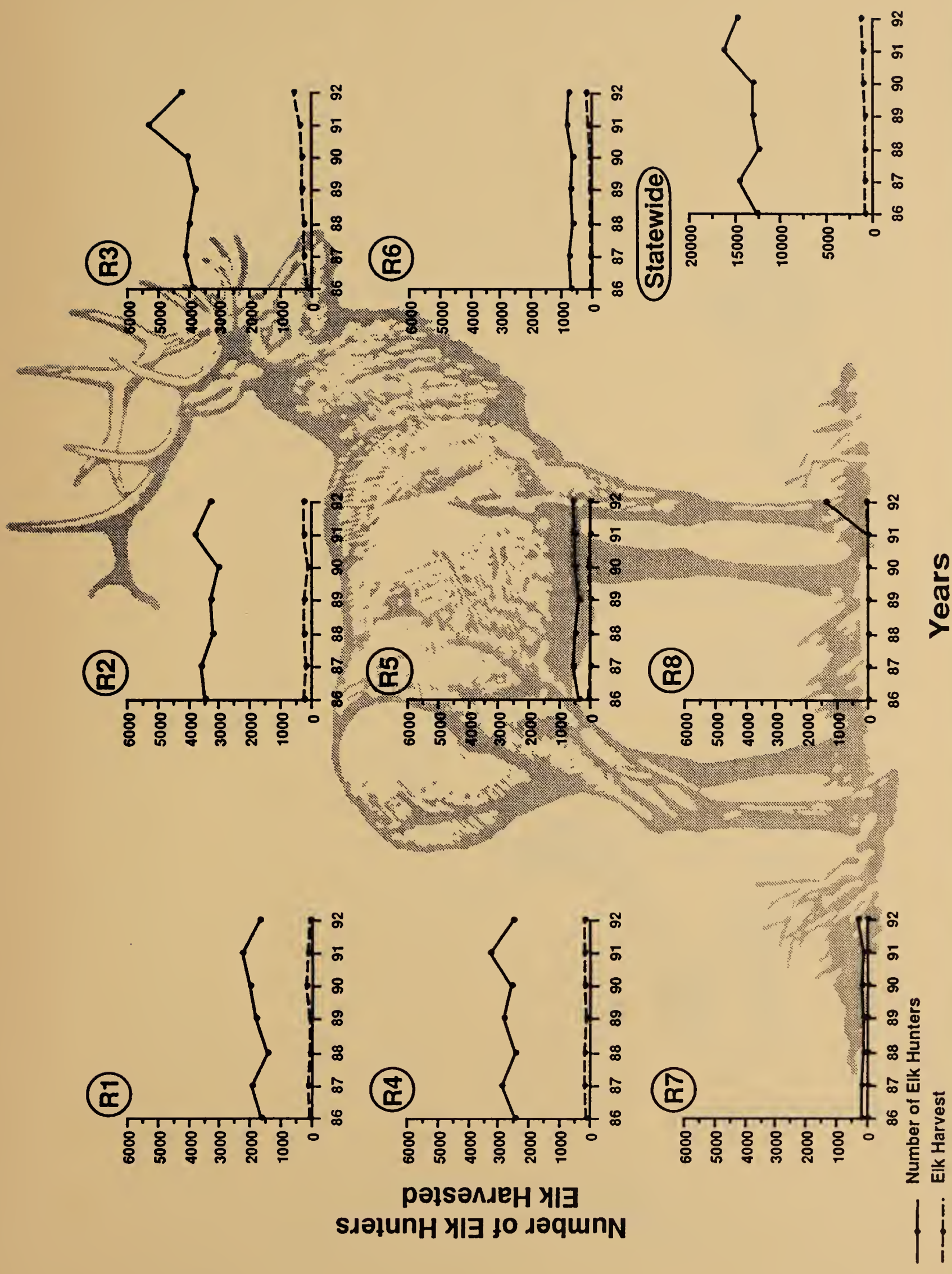
Years

ARCHERY • Mule deer

Number of Hunters and
White-tailed Deer Harvested



ARCHERY • White-tailed deer

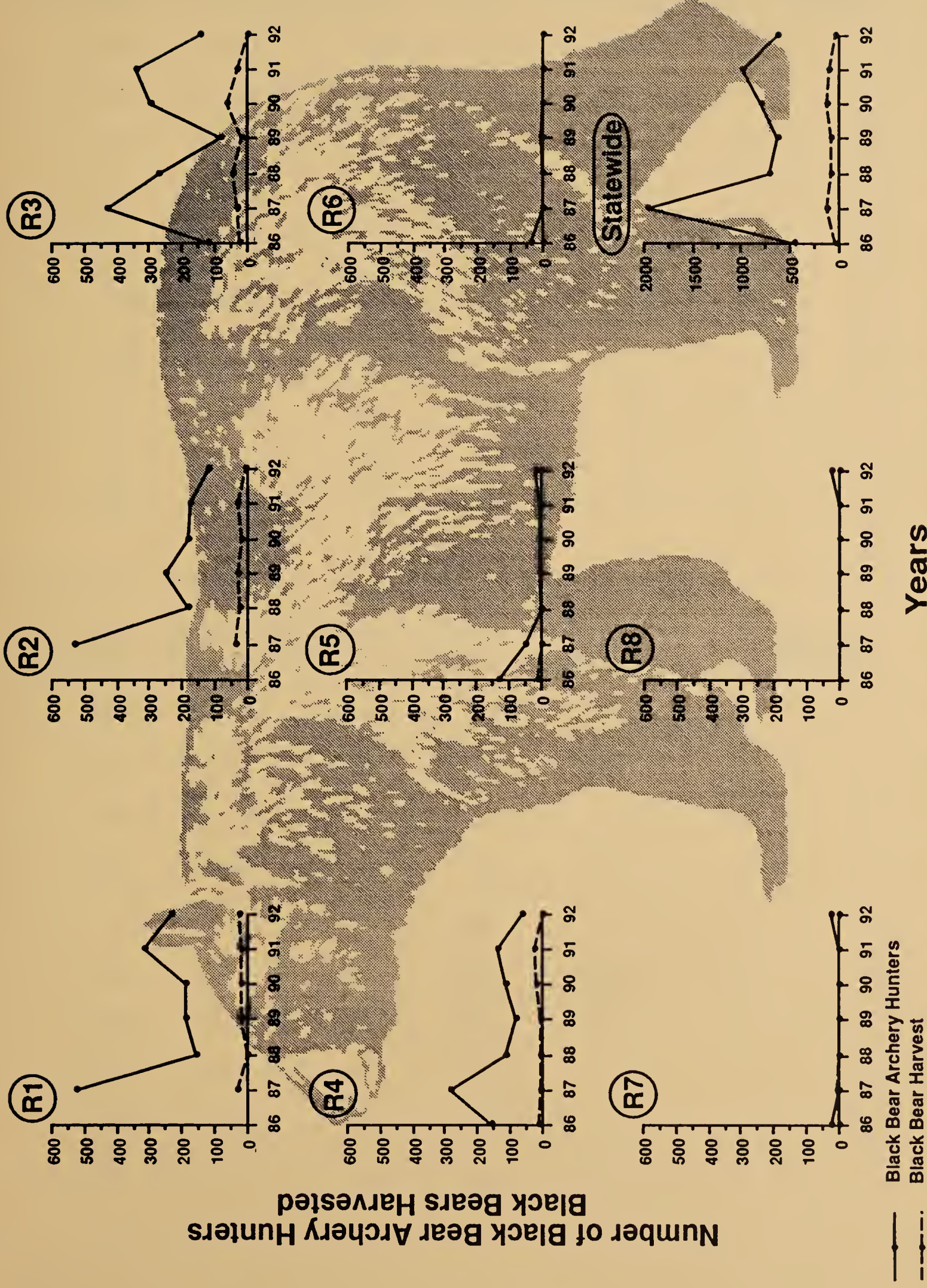


ARCHERY • ELK



ARCHERY • Antelope

Number of Black Bear Archery Hunters
Black Bears Harvested



ARCHERY • Black Bear

1992 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY MULE DEER REPORT

AREA	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1098	9168	5	34	26	0	0	60
REGION 2	1535	12375	17	129	154	0	0	283
REGION 3	1921	15702	17	172	180	0	0	352
REGION 4	1526	9682	13	137	60	0	0	197
REGION 5	566	3225	17	69	51	0	0	120
REGION 6	420	2864	12	17	34	0	0	51
REGION 7	780	4717	26	77	137	9	0	223
REGION 8	772	6346	13	51	60	0	0	111
UNKNOWN	69	738	25	17	0	0	0	17
STATE	8653	64447	15	695	703	9	0	1406

ARCHERY WHITETAIL REPORT

AREA	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1638	13310	19	172	172	26	0	369
REGION 2	2942	29501	28	343	669	26	0	1038
REGION 3	969	8430	9	51	26	17	0	94
REGION 4	1003	7384	11	86	34	0	0	120
REGION 5	583	3276	16	69	34	9	0	111
REGION 6	455	3628	32	103	86	0	0	189
REGION 7	532	3456	21	60	51	0	0	111
REGION 8	189	1552	18	17	9	0	0	26
UNKNOWN	34	257	50	17	0	0	0	17
STATE	8327	70665	21	909	1081	77	0	2067

1992 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY ELK REPORT

AREA	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	1707	14313	4	51	17	0	0	69
REGION 2	3267	27837	7	197	26	9	0	232
REGION 3	4202	32837	13	394	111	34	0	540
REGION 4	2504	16997	8	154	34	9	0	197
REGION 5	540	3559	5	26	0	0	0	26
REGION 6	729	5926	25	103	60	17	0	180
REGION 7	326	1870	5	17	9	0	0	26
REGION 8	1406	11063	5	34	26	9	0	69
UNKNOWN	154	1441	22	34	0	0	0	34
STATE	14759	115122	9	995	283	77	0	1355

ARCHERY ANTELOPE REPORT

AREA	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	0	0	0	0	0	0	0	0
REGION 2	26	111	0	0	0	0	0	0
REGION 3	240	1098	25	51	9	0	0	60
REGION 4	180	858	19	17	9	0	0	26
REGION 5	180	806	14	17	9	0	0	26
REGION 6	206	866	25	26	26	0	0	51
REGION 7	343	1715	27	77	26	9	0	111
REGION 8	60	249	0	0	0	0	0	0
UNKNOWN	17	86	0	0	0	0	0	0
STATE	1243	5746	21	189	77	9	0	274

1992 ARCHERY HUNTING AND HARVEST REPORT

ARCHERY BEAR REPORT

AREA	TOTAL HUNTERS	HUNTER DAYS	PERCENT SUCCESS	ADULT MALE	ADULT FEMALE	YOUNG	AGE/SEX UNKNOWN	TOTAL KILL
REGION 1	232	2084	11	9	17	0	0	26
REGION 2	120	806	7	9	0	0	0	9
REGION 3	146	1055	0	0	0	0	0	0
REGION 4	60	497	0	0	0	0	0	0
REGION 5	17	51	0	0	0	0	0	0
REGION 6	0	0	0	0	0	0	0	0
REGION 7	26	189	0	0	0	0	0	0
REGION 8	26	300	0	0	0	0	0	0
UNKNOWN	17	17	0	0	0	0	0	0
STATE	635	4991	5	17	17	0	0	34

ARCHERY HUNTING AND HARVEST ANALYSIS SUMMARY STATISTICS:

TOTAL ARCHERY STAMPS SOLD:	26,465
TOTAL QUESTIONNAIRE RESPONSE:	3,086
CONSTANT EXPANSION FACTOR:	8.576

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1992 ARCHERY MULE DEER ANTLER STATISTICS

JULY 23, 1993

1992 ARCHERY MULE DEER ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	25.0
3 X 3	1	25.0
4 X 3	1	25.0
4 X 4	1	25.0
TOTAL	4	

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	2	14.3
2 X 2	6	42.9
3 X 2	1	7.1
3 X 3	1	7.1
4 X 3	1	7.1
4 X 4	1	7.1
5 X 5	1	7.1
6 X 5	1	7.1
TOTAL	14	

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
2 X 1	1	5.0
2 X 2	10	50.0
3 X 2	1	5.0
3 X 3	1	5.0
4 X 3	2	10.0
4 X 4	3	15.0
5 X 4	2	10.0
TOTAL	20	

1992 ARCHERY MULE DEER ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	5	33.3
3 X 2	1	6.7
3 X 3	3	20.0
4 X 3	1	6.7
4 X 4	4	26.7
5 X 5	1	6.7
TOTAL	15	

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
3 X 3	1	12.5
4 X 4	7	87.5
TOTAL	8	

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	50.0
6 X 4	1	50.0
TOTAL	2	

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	10.0
2 X 1	1	10.0
2 X 2	2	20.0
3 X 3	1	10.0
4 X 3	1	10.0
4 X 4	4	40.0
TOTAL	10	

1992 ARCHERY MULE DEER ANTLER STATISTICS

REGION 8

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	3	50.0
3 X 3	2	33.3
4 X 4	1	16.7
TOTAL	6	

REGION UNKNOWN

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	100.0
TOTAL	1	

STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	3	3.8
2 X 1	2	2.5
2 X 2	28	35.0
3 X 2	3	3.8
3 X 3	10	12.5
4 X 3	6	7.5
4 X 4	21	26.2
5 X 4	2	2.5
5 X 5	3	3.8
6 X 4	1	1.3
6 X 5	1	1.3
TOTAL	80	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992 ARCHERY WHITETAIL DEER ANTLER STATISTICS
JULY 23, 1993

1992 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	5.0
2 X 2	2	10.0
3 X 2	2	10.0
3 X 3	1	5.0
4 X 3	1	5.0
4 X 4	8	40.0
5 X 4	2	10.0
5 X 5	2	10.0
6 X 5	1	5.0
TOTAL	20	

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	2	4.9
2 X 2	5	12.2
3 X 2	1	2.4
3 X 3	7	17.1
4 X 3	3	7.3
4 X 4	17	41.5
5 X 4	2	4.9
5 X 5	2	4.9
6 X 5	1	2.4
6 X 6	1	2.4
TOTAL	41	

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	16.7
4 X 4	1	16.7
5 X 5	4	66.7
TOTAL	6	

1992 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
3 X 2	1	11.1
3 X 3	1	11.1
4 X 4	3	33.3
5 X 4	2	22.2
5 X 5	2	22.2
TOTAL	9	

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	1	12.5
2 X 2	2	25.0
3 X 3	1	12.5
4 X 4	3	37.5
5 X 4	1	12.5
TOTAL	8	

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	8.3
3 X 3	1	8.3
4 X 2	1	8.3
4 X 4	4	33.3
5 X 4	1	8.3
5 X 5	2	16.7
6 X 4	1	8.3
7 X 7	1	8.3
TOTAL	12	

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
4 X 3	1	14.3
4 X 4	1	14.3
5 X 4	1	14.3
5 X 5	2	28.6
6 X 5	1	14.3
8 X 7	1	14.3
TOTAL	7	

1992 ARCHERY WHITETAIL DEER ANTLER STATISTICS

REGION 8

ANTLER TYPE	FREQUENCY	PERCENT
2 X 2	1	50.0
5 X 4	1	50.0
TOTAL	2	

REGION UNKNOWN

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	100.0
TOTAL	1	

STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	4	3.8
2 X 2	12	11.3
3 X 2	4	3.8
3 X 3	11	10.4
4 X 2	1	0.9
4 X 3	5	4.7
4 X 4	37	34.9
5 X 4	10	9.4
5 X 5	15	14.2
6 X 4	1	0.9
6 X 5	3	2.8
6 X 6	1	0.9
7 X 7	1	0.9
8 X 7	1	0.9
TOTAL	106	

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1992 ARCHERY ELK ANTLER STATISTICS

JULY 23, 1993

1992 ARCHERY ELK ANTLER STATISTICS

REGION 1

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	2	33.3
6 X 6	3	50.0
8 X 7	1	16.7
TOTAL	6	

REGION 2

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	3	13.0
3 X 2	1	4.3
3 X 3	1	4.3
4 X 3	1	4.3
4 X 4	1	4.3
5 X 5	6	26.1
6 X 5	4	17.4
6 X 6	6	26.1
TOTAL	23	

REGION 3

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	8	17.0
3 X 2	1	2.1
3 X 3	2	4.3
4 X 4	3	6.4
5 X 1	1	2.1
5 X 4	1	2.1
5 X 5	17	36.2
6 X 5	7	14.9
6 X 6	6	12.8
7 X 7	1	2.1
TOTAL	47	

1992 ARCHERY ELK ANTLER STATISTICS

REGION 4

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	5	27.8
2 X 2	1	5.6
5 X 5	3	16.7
6 X 5	1	5.6
6 X 6	6	33.3
7 X 6	2	11.1
TOTAL	18	

REGION 5

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	33.3
6 X 6	2	66.7
TOTAL	3	

REGION 6

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	3	25.0
3 X 3	1	8.3
4 X 4	1	8.3
5 X 4	1	8.3
5 X 5	4	33.3
6 X 5	1	8.3
6 X 6	1	8.3
TOTAL	12	

REGION 7

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	50.0
6 X 6	1	50.0
TOTAL	2	

1992 ARCHERY ELK ANTLER STATISTICS

REGION 8

ANTLER TYPE	FREQUENCY	PERCENT
4 X 4	3	60.0
5 X 5	1	20.0
6 X 6	1	20.0
TOTAL	5	

REGION UNKNOWN

ANTLER TYPE	FREQUENCY	PERCENT
5 X 5	1	50.0
6 X 6	1	50.0
TOTAL	2	

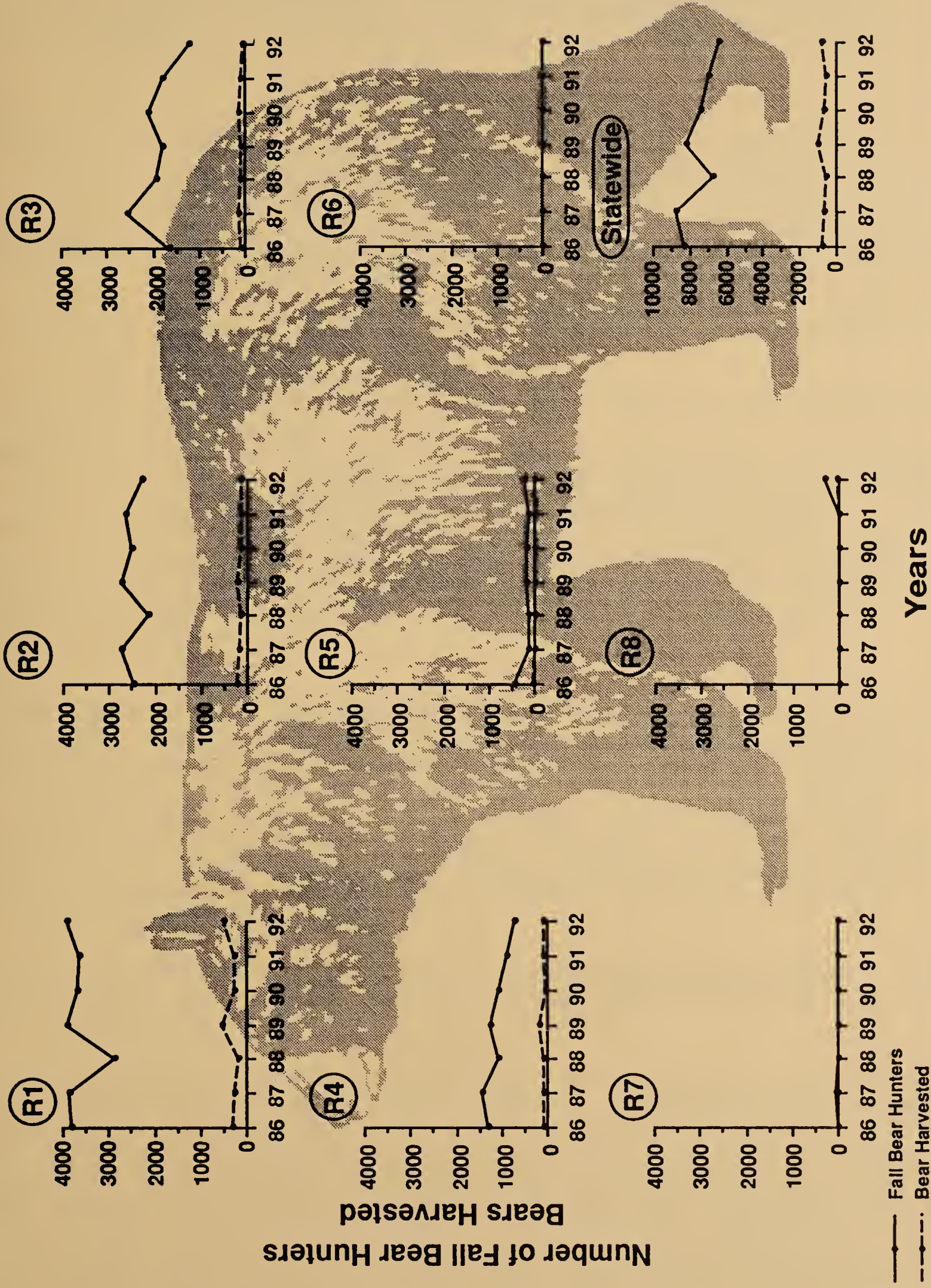
STATE

ANTLER TYPE	FREQUENCY	PERCENT
1 X 1	19	16.1
2 X 2	1	0.8
3 X 2	2	1.7
3 X 3	4	3.4
4 X 3	1	0.8
4 X 4	8	6.8
5 X 1	1	0.8
5 X 4	2	1.7
5 X 5	36	30.5
6 X 5	13	11.0
6 X 6	27	22.9
7 X 6	2	1.7
7 X 7	1	0.8
8 X 7	1	0.8
TOTAL	118	

BLACK BEAR



BLACK BEAR • Spring



BLACK BEAR • Fall

PREFACE

1992 BLACK BEAR HUNTING AND HARVEST REPORT

Survey Approach

Resident and nonresident black bear license holders were randomly sampled from our license database. Hunting and harvest data were acquired via telephone for resident license holders and via a mail survey for nonresidents.

Definitions

NUMBER ISSUED.....	The total number of black bear (or combination licenses including bear) licenses issued
HUNTERS.....	The number of hunters who hunted one or more days
HUNTER DAYS.....	Sum of whole days or portions of days hunted
PERCENT SUCCESS.....	The number of hunters who killed a bear divided by the total number of bear hunters and multiplied by 100
LOWER.....	Lower confidence limit at a level of confidence of 80 percent
POINT.....	The estimated value
UPPER.....	Upper confidence limit at a level of confidence of 80 percent
BEAR LICENSE.....	Indicates black bear license purchased separately and not included with resident Sportsman's License or nonresident Big Game Combination License
COMBINATION.....	Indicates resident Sportsman's Combination License or nonresident B10 Big Game Combination License
UNKWN.....	A symbol for unknown used to designate unknown sex
TOTAL HARVEST.....	Estimated total kill for all age/sex classes

Explanations

The black bear hunting and harvest statistics are estimates made from a sample of 7,889 returned questionnaires representing about 29% of the 26,776 black bear license holders. Confidence-interval estimates are given for hunters, hunter days, and total harvest. Confidence intervals are given at the 80 percent confidence level, meaning that the actual value will be between the lower and upper limit in four out of five cases. The relative precision of the estimate increases with the size of the estimate. Statewide estimates have greater relative precision than regional estimates.

All estimates represented are rounded to the nearest whole number. It is for this reason that rows and columns do not always agree exactly with row or column totals given.

There were two changes in hunting regulations and districts beginning in 1992 that affect the interpretation of these black bear hunting and harvest statistics. Region eight was created and the black bear license was removed from the nonresident big game combination license. Several hunting districts from regions three and four were combined to create region eight making hunting and harvest trend data for regions three and four not comparable between years before and after the creation of region eight. The removal of the black bear license from the big game combination license was the main reason there were 15,036 fewer bear license holders than there were in 1991.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

SPRING HUNTING SEASON OF 1992

JULY 21, 1993

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	1293	1369	1444	7274	7450	7626	8
COMBINATION	16677	988	1050	1113	5545	5691	5837	8
SUBTOTAL	25044	2281	2419	2557	12819	13141	13463	8
NONRESIDENTS								
BEAR LICENSE	1732	524	579	633	2848	2972	3096	14
COMBINATION	0	NO DATA						
SUBTOTAL	1732	524	579	633	2848	2972	3096	14
TOTAL	26776	2805	2998	3190	15668	16113	16558	9

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX MALE	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
BEAR LICENSE	8367	0	18	85	4	85	106	127
COMBINATION	16677	0	20	62	0	64	82	99
SUBTOTAL	25044	0	37	147	4	149	188	226
NONRESIDENTS								
BEAR LICENSE	1732	0	33	45	0	58	79	99
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	33	45	0	58	79	99
TOTAL	26776	0	70	192	4	208	266	325

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	712	769	825	4590	4730	4870	5
COMBINATION	16677	715	769	823	3597	3714	3832	6
SUBTOTAL	25044	1428	1538	1648	8187	8445	8703	6
NONRESIDENTS								
BEAR LICENSE	1732	212	248	284	765	831	896	8
COMBINATION	0	NO DATA						
SUBTOTAL	1732	212	248	284	765	831	896	8
TOTAL	26776	1640	1786	1932	8952	9275	9599	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	18	21	0	26	51
COMBINATION	16677	0	26	16	3	33	59
SUBTOTAL	25044	0	44	38	3	59	110
NONRESIDENTS							
BEAR LICENSE	1732	0	8	12	0	10	31
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	8	12	0	10	31
TOTAL	26776	0	52	50	3	69	141

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	331	370	410	2264	2363	2462	6
COMBINATION	16677	539	586	633	2522	2621	2720	6
SUBTOTAL	25044	870	956	1042	4787	4985	5183	6
NONRESIDENTS								
BEAR LICENSE	1732	136	165	195	544	599	655	10
COMBINATION	0	NO DATA						
SUBTOTAL	1732	136	165	195	544	599	655	10
TOTAL	26776	1006	1122	1237	5330	5584	5838	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	UPPER
RESIDENTS							
BEAR LICENSE	8367	0	11	11	0	12	31
COMBINATION	16677	0	10	23	0	22	44
SUBTOTAL	25044	0	20	33	0	33	74
NONRESIDENTS							
BEAR LICENSE	1732	0	12	4	0	7	26
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	12	4	0	7	26
TOTAL	26776	0	33	38	0	41	100

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	221	254	286	872	935	997	4
COMBINATION	16677	292	327	362	1121	1188	1255	4
SUBTOTAL	25044	514	581	649	1994	2123	2252	4
NONRESIDENTS								
BEAR LICENSE	1732	13	25	36	77	99	122	17
COMBINATION	0	NO DATA						
SUBTOTAL	1732	13	25	36	77	99	122	17
TOTAL	26776	527	606	685	2070	2222	2373	5

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	4	7	0	4	11
COMBINATION	16677	0	13	0	0	6	13
SUBTOTAL	25044	0	17	7	0	10	24
NONRESIDENTS							
BEAR LICENSE	1732	0	0	4	0	1	4
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	4	0	1	4
TOTAL	26776	0	17	11	0	11	28

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	172	201	230	757	815	873	9
COMBINATION	16677	185	213	241	813	871	928	5
SUBTOTAL	25044	357	414	471	1570	1685	1801	7
NONRESIDENTS								
BEAR LICENSE	1732	7	17	26	66	87	108	25
COMBINATION	0	NO DATA						
SUBTOTAL	1732	7	17	26	66	87	108	25
TOTAL	26776	364	430	497	1636	1772	1908	7

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	7	7	4	9	26
COMBINATION	16677	0	3	7	0	4	16
SUBTOTAL	25044	0	10	14	4	13	42
NONRESIDENTS							
BEAR LICENSE	1732	0	0	4	0	1	9
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	4	0	1	9
TOTAL	26776	0	10	18	4	14	51

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	0	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1732	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	2	7	12	4	11	17	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	2	7	12	4	11	17	0
NONRESIDENTS								
BEAR LICENSE	1732	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	0	0	0	0	0	0
TOTAL	26776	2	7	12	4	11	17	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0

SPRING, 1992 BLACK BEAR HARVEST REPORT

REGION 8

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	107	131	154	736	794	851	3
COMBINATION	16677	121	144	167	874	933	992	7
SUBTOTAL	25044	228	275	321	1610	1726	1843	5
NONRESIDENTS								
BEAR LICENSE	1732	10	21	31	48	66	85	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	10	21	31	48	66	85	0
TOTAL	26776	238	295	352	1658	1792	1927	5

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	4	0	1	4
COMBINATION	16677	0	7	3	0	4	10
SUBTOTAL	25044	0	7	7	0	5	13
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	7	7	0	5	13

SPRING, 1992 BLACK BEAR HARVEST REPORT

DISTRICT XXX

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	2	7	12	17	28	39	0
COMBINATION	16677	2	7	11	33	46	59	0
SUBTOTAL	25044	4	14	24	50	74	98	0
NONRESIDENTS								
BEAR LICENSE	1732	2	8	15	17	29	41	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	2	8	15	17	29	41	0
TOTAL	26776	6	22	39	67	103	139	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0

SPRING, 1992 BLACK BEAR HARVEST REPORT

STATE

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	2285	2385	2484	16859	17126	17392	8
COMBINATION	16677	2339	2435	2530	14826	15064	15301	8
SUBTOTAL	25044	4624	4819	5014	31685	32189	32693	8
NONRESIDENTS								
BEAR LICENSE	1732	583	641	698	4528	4683	4839	19
COMBINATION	0	NO DATA						
SUBTOTAL	1732	583	641	698	4528	4683	4839	19
TOTAL	26776	5208	5460	5712	36213	36873	37532	9

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	8367	0	56	134	7	169	226
COMBINATION	16677	0	79	111	3	166	220
SUBTOTAL	25044	0	135	245	10	335	446
NONRESIDENTS							
BEAR LICENSE	1732	0	54	70	0	99	149
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	54	70	0	99	149
TOTAL	26776	0	189	316	10	434	595

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

ESTIMATED BLACK BEAR HARVEST

FALL HUNTING SEASON OF 1992

JULY 21, 1993

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 1

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	2092	2187	2282	15480	15736	15991	13
COMBINATION	16677	1064	1129	1194	7240	7406	7572	11
SUBTOTAL	25044	3156	3316	3476	22720	23142	23564	12
NONRESIDENTS								
BEAR LICENSE	1732	552	608	664	3379	3514	3648	14
COMBINATION	0	NO DATA						
SUBTOTAL	1732	552	608	664	3379	3514	3648	14
TOTAL	26776	3707	3924	4140	26099	26655	27212	13

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX ----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS							
BEAR LICENSE	8367	0	99	183	4	251	320
COMBINATION	16677	0	23	101	0	103	146
SUBTOTAL	25044	0	122	285	4	354	466
NONRESIDENTS							
BEAR LICENSE	1732	0	12	70	0	62	103
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	12	70	0	62	103
TOTAL	26776	0	134	355	4	416	569

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 2

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	896	959	1023	6936	7108	7280	8
COMBINATION	16677	883	942	1002	5671	5819	5966	6
SUBTOTAL	25044	1779	1902	2024	12607	12926	13246	7
NONRESIDENTS								
BEAR LICENSE	1732	328	372	416	2371	2484	2597	3
COMBINATION	0	NO DATA						
SUBTOTAL	1732	328	372	416	2371	2484	2597	3
TOTAL	26776	2108	2274	2440	14978	15411	15843	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	21	56	0	60	96
COMBINATION	16677	0	26	26	0	38	66
SUBTOTAL	25044	0	47	83	0	98	162
NONRESIDENTS							
BEAR LICENSE	1732	0	4	8	0	4	20
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	4	8	0	4	20
TOTAL	26776	0	51	91	0	102	182

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 3

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	345	384	424	2150	2247	2344	6
COMBINATION	16677	411	452	493	2693	2795	2897	5
SUBTOTAL	25044	755	836	917	4843	5042	5241	5
NONRESIDENTS								
BEAR LICENSE	1732	336	380	425	1952	2054	2157	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	336	380	425	1952	2054	2157	0
TOTAL	26776	1091	1216	1342	6795	7096	7398	4

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	7	14	0	12	31
COMBINATION	16677	0	10	13	0	14	32
SUBTOTAL	25044	0	17	27	0	25	63
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	17	27	0	25	63

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 4

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	268	303	339	1647	1732	1817	16
COMBINATION	16677	302	337	373	1804	1888	1972	13
SUBTOTAL	25044	569	640	711	3451	3620	3789	14
NONRESIDENTS								
BEAR LICENSE	1732	51	70	89	352	397	442	24
COMBINATION	0	NO DATA						
SUBTOTAL	1732	51	70	89	352	397	442	24
TOTAL	26776	621	711	801	3803	4017	4231	15

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX MALE	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
BEAR LICENSE	8367	0	18	32	0	35	49	64
COMBINATION	16677	0	23	16	3	30	43	55
SUBTOTAL	25044	0	41	48	3	65	92	119
NONRESIDENTS								
BEAR LICENSE	1732	0	12	4	0	7	17	26
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	12	4	0	7	17	26
TOTAL	26776	0	53	52	3	72	108	145

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 5

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	91	113	135	422	466	510	6
COMBINATION	16677	82	101	121	398	439	479	3
SUBTOTAL	25044	173	214	255	820	904	989	5
NONRESIDENTS								
BEAR LICENSE	1732	10	21	31	88	112	136	20
COMBINATION	0	NO DATA						
SUBTOTAL	1732	10	21	31	88	112	136	20
TOTAL	26776	184	235	286	907	1016	1124	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	UPPER
RESIDENTS							
BEAR LICENSE	8367	0	4	4	0	2	12
COMBINATION	16677	0	0	3	0	1	7
SUBTOTAL	25044	0	4	7	0	3	19
NONRESIDENTS							
BEAR LICENSE	1732	0	0	4	0	1	9
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	4	0	1	9
TOTAL	26776	0	4	11	0	4	28

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 6

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	0	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1732	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND POINT	SEX MALE	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
BEAR LICENSE	8367	0	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1732	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0	0

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 7

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	1	4	7	2	7	12	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	1	4	7	2	7	12	0
NONRESIDENTS								
BEAR LICENSE	1732	1	4	9	30	45	61	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	1	4	9	30	45	61	0
TOTAL	26776	2	8	16	32	53	73	0

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND SEX	----- MALE	----- UNKWN	--- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS								
BEAR LICENSE	8367	0	0	0	0	0	0	0
COMBINATION	16677	0	0	0	0	0	0	0
SUBTOTAL	25044	0	0	0	0	0	0	0
NONRESIDENTS								
BEAR LICENSE	1732	0	0	0	0	0	0	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	0	0	0	0	0	0
TOTAL	26776	0	0	0	0	0	0	0

FALL, 1992 BLACK BEAR HARVEST REPORT

REGION 8

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	130	155	181	849	910	972	9
COMBINATION	16677	127	151	174	719	772	826	15
SUBTOTAL	25044	257	306	355	1567	1682	1798	12
NONRESIDENTS								
BEAR LICENSE	1732	10	21	31	121	149	176	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	10	21	31	121	149	176	0
TOTAL	26776	267	326	386	1688	1831	1974	11

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	14	0	6	22
COMBINATION	16677	0	7	16	0	14	32
SUBTOTAL	25044	0	7	30	0	20	54
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	7	30	0	20	54

FALL, 1992 BLACK BEAR HARVEST REPORT

DISTRICT XXX

HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- LOWER	HUNTER DAYS POINT	--- UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	9	18	26	82	102	123	0
COMBINATION	16677	6	13	20	97	118	139	25
SUBTOTAL	25044	15	31	46	179	220	262	11
NONRESIDENTS								
BEAR LICENSE	1732	13	25	36	197	231	266	0
COMBINATION	0	NO DATA						
SUBTOTAL	1732	13	25	36	197	231	266	0
TOTAL	26776	29	56	82	375	452	528	6

HARVEST STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX UNKWN	----- LOWER	TOTAL HARVEST POINT	--- UPPER
RESIDENTS							
BEAR LICENSE	8367	0	0	0	0	0	0
COMBINATION	16677	0	0	3	0	1	3
SUBTOTAL	25044	0	0	3	0	1	3
NONRESIDENTS							
BEAR LICENSE	1732	0	0	0	0	0	0
COMBINATION	0	NO DATA					
SUBTOTAL	1732	0	0	0	0	0	0
TOTAL	26776	0	0	3	0	1	3

FALL, 1992 BLACK BEAR HARVEST REPORT

STATE

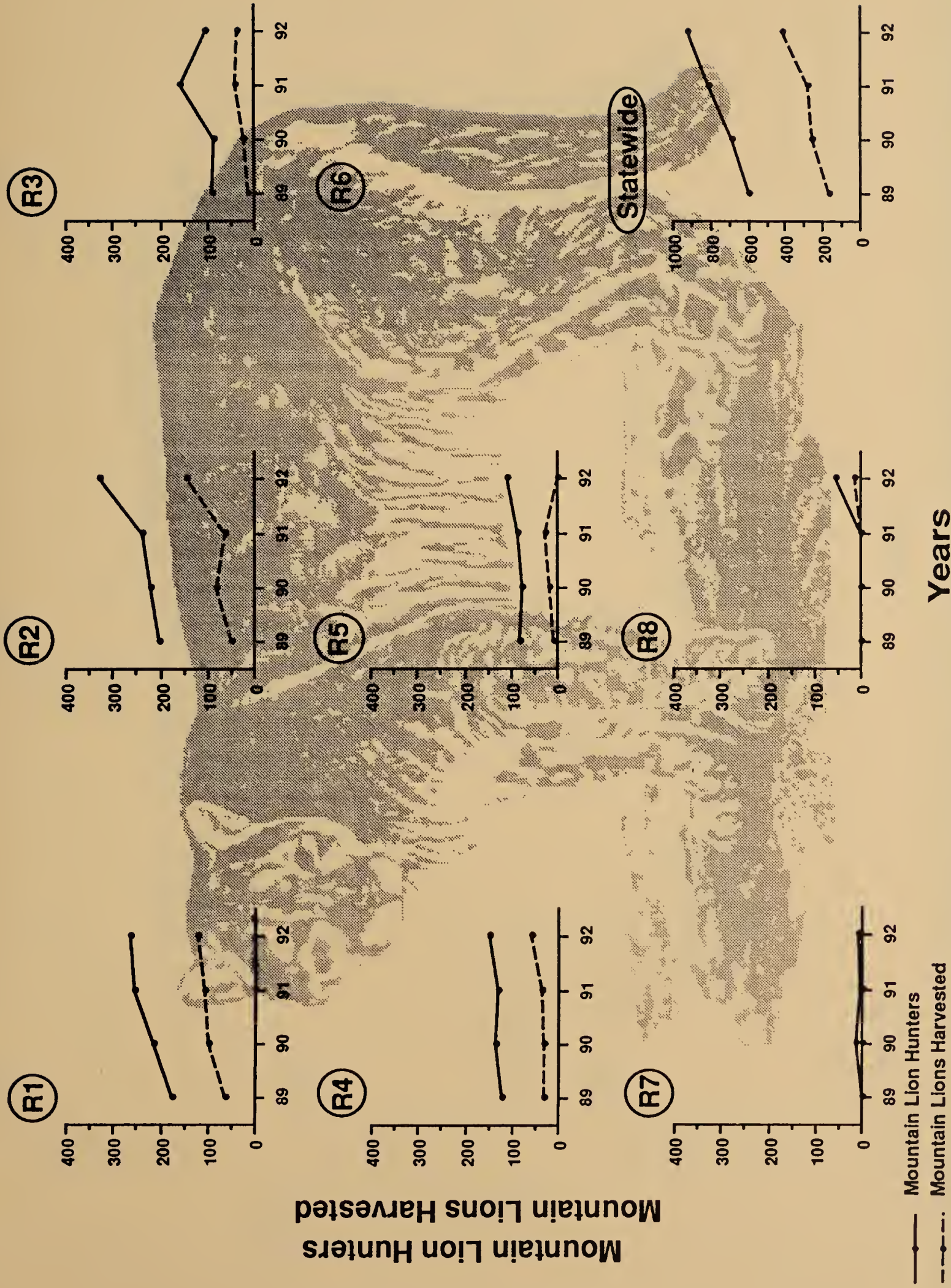
HUNTING STATISTICS:

LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- LOWER	HUNTERS POINT	----- UPPER	--- HUNTER DAYS --- LOWER	POINT	UPPER	PERCENT SUCCESS
RESIDENTS								
BEAR LICENSE	8367	2946	3058	3171	27965	28307	28650	15
COMBINATION	16677	2240	2333	2427	18968	19236	19504	12
SUBTOTAL	25044	5186	5392	5598	46933	47544	48155	13
NONRESIDENTS								
BEAR LICENSE	1732	929	1000	1072	8771	8987	9202	12
COMBINATION	0	NO DATA						
SUBTOTAL	1732	929	1000	1072	8771	8987	9202	12
TOTAL	26776	6114	6392	6670	55704	56530	57356	13

HARVEST STATISTICS:

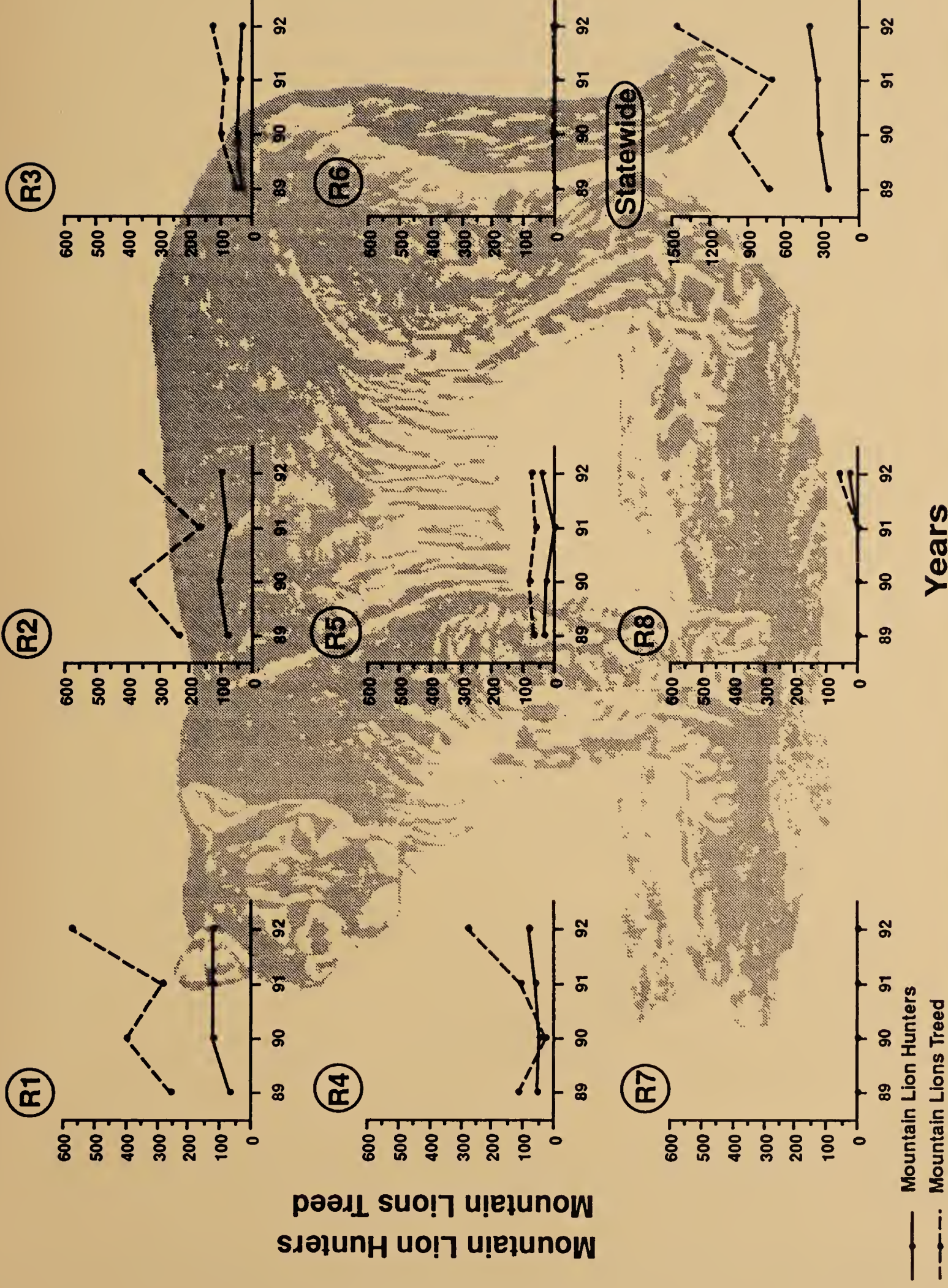
LICENSE OR PERMIT TYPE	NUMBER ISSUED	----- FEMALE	AGE AND MALE	SEX MALE	----- UNKWN	--- TOTAL HARVEST --- LOWER	POINT	UPPER
RESIDENTS								
BEAR LICENSE	8367	0	148	303	4	412	455	499
COMBINATION	16677	0	88	180	3	240	272	303
SUBTOTAL	25044	0	237	483	7	651	727	802
NONRESIDENTS								
BEAR LICENSE	1732	0	29	87	0	91	116	140
COMBINATION	0	NO DATA						
SUBTOTAL	1732	0	29	87	0	91	116	140
TOTAL	26776	0	265	570	7	743	842	942

MOUNTAIN LION



MOUNTAIN LION • Hunt

Mountain Lion Hunters
Mountain Lions Treed



MOUNTAIN LION • Chase

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

JULY 26, 1993

PREFACE

1992-1993 MOUNTAIN LION HUNTING, HARVEST, AND CHASE REPORT

Survey Approach

The mountain lion hunting, harvest, and chase survey was conducted in two phases for 1992-1993. A mountain lion hunting, harvest, and chase questionnaire was mailed to all 1992 mountain lion license holders at the end of the hunting or chase season Sep. 15, 1992 through Feb. 15, 1993. Questionnaires for the hunting or chase season were returned from 1,154 (52%) of the 2,215 people who purchased a mountain lion license. A mountain lion chase questionnaire was mailed to all 1992 mountain lion license holders at the end of the chase only season Feb. 16, 1993 through Apr. 30, 1993. Questionnaires for the chase only season were returned from 955 (43%) of the 2,215 people who purchased a mountain lion license. Expanded estimates of hunting, harvest and chase activities were made from the returned sample. Frequency distributions were calculated for answers to the hunting and harvest questions.

Definitions

TOTAL WHO HUNTED.....	Total number who hunted lions whether or not they also completed any chase questions
TOTAL WHO HUNTED ONLY.....	Total number who hunted lions but did not complete any chase questions
TOTAL WHO CHASED.....	Total number who chased lions whether or not they also hunted lions
TOTAL WHO CHASED ONLY.....	Total number who chased lions but did not hunt lions
TOTAL WHO HUNTED OR CHASED...	Total number who did something; hunted and/or chased lions
TOTAL WHO HUNTED AND CHASED..	Total number who did both; hunted and chased lions

Explanations

The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All valid response data were used in the estimates even when some data fields were missing. This is the reason for the unknown categories given in the report. Chase activity in an unknown or invalid hunting district within a valid region is represented as "RXX" where R is the regional number 1 through 8. An unknown district in an unknown region is represented as "XXX". The unknown district or region activities are still incorporated into the regional or state totals respectively.

All estimates represented are rounded to the nearest whole number. It is for this reason that sums calculated from the report do not always agree exactly with the totals given.

Several hunting districts from regions three and four were combined in 1992 to create region eight. This affects trend interpretation for the affected regions.

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT
HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

QUESTION 1:

Was this your first Montana lion hunting license? (circle) YES NO

QUESTION 1 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	831	38.56
NO	1324	61.44
TOTAL	2155	

QUESTION 2:

Did you hunt/chase lions during this 1992-93 lion HUNTING season? (circle) YES NO

QUESTION 2 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	1211	54.73
NO	1002	45.27
TOTAL	2213	

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HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

QUESTION 3:

- Which of the following statements best describes you as a lion hunter this season. (circle only one)
- a) I hunted lions without the use of dogs.
 - b) I hunted/chased lions with my own dogs and I do not charge others to go hunting with me.
 - c) I hunted/chased lions with a friend who had dogs and did not pay for any services.
 - d) I hunted/chased lions with a licensed outfitter and paid for the services.
 - e) I am either an outfitter or work for an outfitter and charge clients to hunt.
 - f) Other. Please explain:

QUESTION 3 ANSWERS:

ANSWER	FREQUENCY	PERCENT
a	144	11.57
b	372	29.94
c	501	40.28
d	123	9.88
e	61	4.94
f	42	3.40
TOTAL	1244	

QUESTION 4:

If you hunt/chase with dogs, how many do you use on an average hunt?

QUESTION 4 ANSWERS:

ANSWER	FREQUENCY	PERCENT
0	2	0.18
1	67	6.34
2	491	46.38
3	349	32.97
4	117	11.05
5	21	1.99
6	8	0.72
10	2	0.18
12	2	0.18
TOTAL	1060	

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HUNTER STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

QUESTION 5:

How many days did you go out to look for tracks but either didn't find any tracks or didn't pursue the ones you found?

QUESTION 5 ANSWERS:

ANSWER	FREQUENCY	PERCENT
0	150	12.30
1	127	10.41
2	165	13.56
3	138	11.36
4	100	8.20
5	123	10.09
6	79	6.47
7	40	3.31
8	40	3.31
9	15	1.26
10	77	6.31
11	13	1.10
12	15	1.26
13	2	0.16
14	12	0.95
15	23	1.89
17	6	0.47
18	4	0.32
20	31	2.52
21	6	0.47
23	6	0.47
25	8	0.63
26	2	0.16
27	2	0.16
28	2	0.16
30	12	0.95
33	4	0.32
34	2	0.16
36	2	0.16
40	2	0.16
45	2	0.16
60	8	0.63
99	2	0.16
TOTAL	1217	

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1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	MALES	FEMALES	YOUNG	UNKNOWN
100	50	155	470	3.1	3.0	203	1.3	29	127	61	56	35	10
101	48	121	367	2.5	3.0	173	1.4	35	86	31	38	25	8
102	29	44	188	1.5	4.3	61	1.4	21	23	12	8	8	0
103	33	77	215	2.4	2.8	106	1.4	29	48	19	19	19	6
104	15	19	60	1.3	3.1	29	1.5	0	19	10	10	8	0
110	56	98	321	1.8	3.3	129	1.3	48	50	19	29	12	0
120	13	15	52	1.1	3.4	15	1.0	12	4	0	4	2	0
121	29	69	230	2.4	3.3	88	1.3	6	63	35	31	13	2
122	23	58	236	2.5	4.1	90	1.6	21	36	19	15	12	0
123	17	33	90	1.9	2.8	44	1.4	8	25	12	15	0	4
124	6	8	12	1.3	1.5	8	1.0	2	6	0	6	0	0
130	36	96	369	2.6	3.8	136	1.4	40	56	29	31	23	0
132	19	31	132	1.6	4.3	31	1.0	19	12	6	4	2	0
140	15	31	106	2.0	3.4	40	1.3	4	27	17	12	4	4
141	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
150	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
151	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
170	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
1XX	2	2	4	1.0	2.0	2	1.0	0	2	0	2	0	0
REGION 1	267	858	2852	3.2	3.3	1157	1.3	273	585	269	280	161	33

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	----- YOUNG	----- LIONS UNKNOWN
200	4	6	8	1.5	1.3	6	1.0	0	6	4	2	0	0
201	21	44	148	2.1	3.3	50	1.1	12	33	17	10	10	2
202	56	127	359	2.3	2.8	157	1.2	23	104	38	61	29	4
203	44	92	209	2.1	2.3	146	1.6	13	79	27	35	52	10
204	40	65	169	1.6	2.6	104	1.6	12	54	19	27	40	2
210	25	27	81	1.1	3.0	31	1.1	8	19	8	12	4	0
211	2	2	23	1.0	12.0	2	1.0	0	2	2	0	0	0
212	12	23	56	2.0	2.4	23	1.0	4	19	15	4	0	0
213	2	4	12	2.0	3.0	4	1.0	4	0	2	2	0	0
214	6	12	44	2.0	3.8	13	1.2	10	2	4	4	2	0
215	10	12	61	1.2	5.3	12	1.0	8	4	0	2	2	0
216	25	42	81	1.7	1.9	61	1.5	8	35	10	8	29	2
240	67	157	501	2.3	3.2	171	1.1	44	113	52	40	35	2
250	38	100	294	2.6	2.9	106	1.1	44	54	33	17	6	0
260	6	10	33	1.7	3.4	13	1.4	8	2	0	2	6	0
261	17	23	84	1.3	3.7	48	2.1	8	15	4	10	19	0
270	40	96	298	2.4	3.1	102	1.1	29	67	42	21	4	2
280	2	2	2	1.0	1.0	2	1.0	0	2	2	0	0	0
281	31	67	157	2.2	2.3	75	1.1	4	63	35	29	4	0
282	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
283	33	71	390	2.2	5.5	92	1.3	17	52	19	31	21	0
284	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
285	25	50	179	2.0	3.6	60	1.2	10	40	15	29	6	0
290	2	2	8	1.0	4.0	0	0.0	2	0	0	0	0	0
291	17	29	102	1.7	3.5	29	1.0	10	19	6	6	6	8
292	15	21	90	1.4	4.3	23	1.1	10	12	4	6	2	0
293	23	42	180	1.8	4.3	52	1.2	13	29	15	10	4	8
2XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 2	326	1125	3566	3.4	3.2	1380	1.2	298	823	372	365	278	38

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	MALES	TOTAL TREED FEMALES	LIONS YOUNG	UNKNOWN
300	8	19	92	2.5	4.8	19	1.0	12	8	4	2	2	0
301	10	27	88	2.8	3.3	33	1.2	19	8	2	2	10	0
302	10	21	138	2.2	6.5	21	1.0	17	4	0	4	0	0
310	2	2	4	1.0	2.0	2	1.0	2	0	0	0	0	0
311	6	6	40	1.0	7.0	8	1.3	2	4	4	0	0	0
312	13	15	33	1.1	2.1	25	1.6	4	12	1	6	8	4
313	4	6	29	1.5	5.0	8	1.3	4	2	0	2	0	0
314	15	21	69	1.4	3.3	29	1.4	2	19	13	4	8	0
315	2	2	8	1.0	4.0	2	1.0	2	0	0	0	0	0
316	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
317	17	27	96	1.6	3.6	38	1.4	6	21	13	8	10	0
319	6	6	17	1.0	3.0	12	2.0	2	4	2	4	0	0
320	6	15	31	2.7	2.0	15	1.0	6	10	8	0	2	0
321	2	6	15	3.0	2.7	10	1.7	0	6	4	2	4	0
322	2	6	17	3.0	3.0	6	1.0	0	6	4	2	0	0
323	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
324	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
325	2	2	6	1.0	3.0	6	3.0	0	2	0	2	4	0
326	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
327	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
328	4	13	38	3.5	2.9	17	1.3	2	12	6	6	4	0
329	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
330	4	12	17	3.0	1.5	15	1.3	4	8	6	2	4	0
331	6	15	96	2.7	6.3	19	1.3	2	13	10	4	0	0
332	6	13	54	2.3	4.0	15	1.1	4	10	8	2	2	0
333	15	40	194	2.6	4.8	54	1.3	13	27	19	4	10	4
340	4	6	10	1.5	1.7	6	1.0	0	6	4	2	0	0
341	2	2	4	1.0	2.0	6	3.0	0	2	0	0	2	2
360	8	12	36	1.5	3.2	27	2.3	2	10	4	6	15	0
361	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
362	2	2	6	1.0	3.0	0	0.0	2	0	0	0	0	0
393	12	31	119	2.7	3.9	27	0.9	10	21	10	10	0	2
3XX	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
REGION 3	104	328	1259	3.2	3.8	420	1.3	117	211	123	71	83	12

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED LIONS FEMALES	----- YOUNG	UNKNOWN
400	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
401	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
402	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
403	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
404	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
405	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
406	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
410	4	12	36	3.0	3.2	29	2.5	2	2	10	8	0	4
411	21	36	244	1.7	6.7	46	1.3	31	6	6	0	0	0
412	19	36	107	1.9	2.9	36	1.0	19	17	13	0	2	0
413	17	36	154	2.1	4.2	40	1.1	12	25	8	12	0	6
415	2	4	6	2.0	1.5	4	1.0	0	4	2	2	0	0
416	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
417	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
418	8	13	54	1.8	4.0	13	1.0	8	6	4	0	2	0
419	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
420	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
421	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
422	6	6	27	1.0	4.7	6	1.0	4	2	0	2	0	0
423	17	35	69	2.0	2.0	36	1.1	21	13	2	13	2	0
424	4	4	21	1.0	5.5	4	1.0	2	2	2	2	0	0
425	4	4	19	1.0	5.0	4	1.0	4	0	0	0	0	0
426	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
427	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
428	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
432	13	23	88	1.7	3.8	33	1.4	4	19	13	8	0	0
441	15	50	117	3.3	2.3	61	1.2	10	40	17	15	17	2
442	4	8	13	2.0	1.8	8	1.0	2	6	4	4	0	0
444	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
445	15	15	29	1.0	1.9	27	1.8	2	13	8	12	4	0
446	12	17	58	1.5	3.3	17	1.0	4	13	8	2	4	0
447	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
448	12	23	83	2.0	3.6	25	1.1	13	10	8	4	0	0
449	4	10	67	2.5	7.0	10	1.0	8	2	2	0	0	0
450	4	6	17	1.5	3.0	6	1.0	0	6	6	0	0	0
452	2	2	4	1.0	2.0	2	1.0	0	2	2	0	0	0
454	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
455	2	2	8	1.0	4.0	2	1.0	0	2	2	0	0	0
471	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
4XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 4	150	344	1223	2.3	3.6	411	1.2	146	190	115	83	40	15

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
500	2	4	15	2.0	4.0	4	1.0	4	0	0	0	0	0
502	4	6	12	1.5	2.0	13	2.3	0	2	4	2	8	0
510	4	10	38	2.5	4.0	13	1.4	4	6	2	2	4	2
511	17	56	274	3.2	4.9	100	1.8	29	25	4	12	19	13
520	19	64	129	2.3	2.9	60	1.3	13	31	19	13	8	0
530	8	10	15	1.3	1.6	12	1.2	4	6	1	4	2	0
540	23	50	169	2.2	3.4	56	1.1	31	19	10	4	0	6
560	29	63	161	2.2	2.5	86	1.4	13	50	17	35	25	0
570	8	13	54	1.8	4.0	12	0.9	13	0	0	0	0	0
575	13	21	63	1.6	3.0	25	1.2	10	12	8	4	6	0
580	4	4	13	1.0	3.5	4	1.0	0	4	2	2	2	0
590	2	4	46	2.0	12.0	0	0.0	0	0	0	0	0	0
5XX	2	2	2	1.0	1.0	2	1.0	2	0	0	0	0	0
REGION 5	109	286	992	2.6	3.5	386	1.3	123	154	67	77	73	21
600	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
610	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
620	4	12	25	3.0	2.2	15	1.3	0	12	4	4	8	0
621	4	4	12	1.0	3.0	8	2.0	0	4	4	0	4	0
622	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
623	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
630	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
631	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
632	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
640	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
641	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
650	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
651	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
670	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
680	4	6	21	1.5	3.7	10	1.7	0	6	2	4	4	0
690	4	8	27	2.0	3.5	8	1.0	0	8	4	4	0	0
6XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 6	13	29	84	2.1	2.9	40	1.4	0	29	13	12	15	0

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CHASE STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL FEMALES	TREED LIONS YOUNG	----- UNKNOWN
700	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
701	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
702	2	2	4	1.0	2.0	2	1.0	0	2	2	0	0	0
703	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
704	8	15	65	2.0	4.3	17	1.1	8	8	4	4	2	0
705	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
7XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 7	10	17	69	1.8	4.0	19	1.1	8	10	6	4	2	0
818	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
835	10	10	46	1.0	4.8	12	1.2	8	2	0	2	0	0
839	15	17	46	1.1	2.7	29	1.7	6	12	2	6	8	0
843	12	19	52	1.7	2.7	33	1.7	2	17	6	12	12	0
850	15	33	134	2.1	4.1	36	1.1	8	25	17	6	4	2
870	6	6	29	1.0	5.0	13	2.3	2	4	0	2	10	0
880	12	21	58	1.8	2.7	27	1.3	12	10	4	2	10	0
890	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
891	6	6	12	1.0	2.0	8	1.3	2	4	4	2	0	0
892	15	29	106	1.9	3.7	42	1.5	12	17	4	8	12	0
8XX	2	2	4	1.0	2.0	2	1.0	2	0	0	0	0	0
REGION 8	56	142	486	2.6	3.4	202	1.4	52	90	36	38	54	2
XXX	4	6	13	1.5	2.3	8	1.3	2	4	0	2	2	2
STATE	919	3134	10545	3.4	3.4	4023	1.3	1017	2096	1002	931	708	123

54 81 213 1.5 2.9 110 1.4 37 44 8 33 22 0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	MALE	FEMALE	HARVEST	UNKNOWN	TOTAL KILL
100	50	10	4	0	0	13
101	48	10	10	0	0	19
102	29	6	0	0	0	6
103	33	4	4	0	0	8
104	15	4	0	2	2	6
110	56	8	6	0	0	13
120	13	0	2	0	0	2
121	29	4	4	0	0	8
122	23	6	4	0	0	10
123	17	2	6	0	0	8
124	6	0	0	0	0	0
130	36	6	4	0	0	10
132	19	4	2	0	0	6
140	15	6	6	0	0	12
141	0	0	0	0	0	0
150	2	0	2	0	0	2
151	0	0	0	0	0	0
170	0	0	0	0	0	0
1XX	2	0	2	0	0	2
REGION 1	267	67	54	2	2	123

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
200	4	2	0	0	2
201	21	6	2	0	8
202	56	10	8	0	17
203	44	4	0	0	4
204	40	6	6	0	12
210	25	2	2	0	4
211	2	2	0	0	2
212	12	4	0	0	4
213	2	0	0	0	0
214	6	0	0	0	0
215	10	2	0	0	2
216	25	4	2	0	6
240	67	13	8	0	21
250	38	10	2	0	12
260	6	0	0	0	0
261	17	0	0	0	0
270	40	10	2	0	12
280	2	0	0	0	0
281	31	10	4	0	13
282	0	0	0	0	0
283	33	6	4	0	10
284	0	0	0	0	0
285	25	6	2	0	8
290	2	0	0	0	0
291	17	4	0	0	4
292	15	2	0	0	2
293	23	2	0	0	2
2XX	0	0	0	0	0
REGION 2	326	102	40	0	142

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	MALE	FEMALE	HARVEST	UNKNOWN	TOTAL KILL
300	8	2	0	0	0	2
301	10	2	0	0	0	2
302	10	0	0	0	0	0
310	2	0	0	0	0	0
311	6	2	0	0	0	2
312	13	4	0	0	0	4
313	4	0	0	0	0	0
314	15	4	2	0	0	6
315	2	0	0	0	0	0
316	0	0	0	0	0	0
317	17	6	2	0	0	8
319	6	0	2	0	0	2
320	6	2	0	0	0	2
321	2	0	0	0	0	0
322	2	0	0	0	0	0
323	0	0	0	0	0	0
324	0	0	0	0	0	0
325	2	0	0	0	0	0
326	0	0	0	0	0	0
327	0	0	0	0	0	0
328	4	0	0	0	0	0
329	0	0	0	0	0	0
330	4	0	0	0	0	0
331	6	0	0	0	0	0
332	6	0	0	0	0	0
333	15	2	0	0	0	2
340	4	2	0	0	0	2
341	2	0	0	0	0	0
360	8	2	0	0	0	2
361	0	0	0	0	0	0
362	2	0	0	0	0	0
393	12	0	2	0	0	2
3XX	2	0	0	0	0	0
REGION 3	104	27	8	0	0	35

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	MALE	FEMALE	HARVEST	UNKNOWN	TOTAL KILL
400	0	0	0	0	0	0
401	0	0	0	0	0	0
402	0	0	0	0	0	0
403	0	0	0	0	0	0
404	0	0	0	0	0	0
405	0	0	0	0	0	0
406	0	0	0	0	0	0
410	4	0	0	0	0	0
411	21	2	0	0	0	2
412	19	4	2	0	0	6
413	17	0	2	0	0	2
415	2	0	0	0	0	0
416	0	0	0	0	0	0
417	0	0	0	0	0	0
418	8	2	0	0	0	2
419	0	0	0	0	0	0
420	0	2	0	0	0	2
421	0	0	0	0	0	0
422	6	0	2	0	0	2
423	17	2	8	0	0	10
424	4	0	0	0	0	0
425	4	0	0	0	0	0
426	0	0	0	0	0	0
427	0	0	0	0	0	0
428	0	0	0	0	0	0
432	13	4	0	0	0	4
441	15	2	0	0	0	2
442	4	0	0	0	0	0
444	0	0	0	0	0	0
445	15	4	0	0	0	8
446	12	10	0	0	0	10
447	2	0	0	0	0	0
448	12	2	2	0	0	4
449	4	2	0	0	0	2
450	4	2	0	0	0	2
452	2	2	0	0	0	2
454	0	0	0	0	0	0
455	2	0	0	0	0	0
471	0	0	0	0	0	0
4XX	0	0	0	0	0	0
REGION 4	150	38	19		0	58

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	MALE	FEMALE	HARVEST	UNKNOWN	TOTAL KILL
500	2	0	0	0	0	0
502	4	2	0	0	0	2
510	4	0	0	0	0	0
511	17	2	0	0	0	2
520	19	6	2	0	0	8
530	8	0	0	0	0	0
540	23	4	2	0	0	6
560	29	4	2	0	0	6
570	8	0	0	0	0	0
575	13	2	0	0	0	2
580	4	2	0	0	0	2
590	2	0	0	0	0	0
5XX	2	2	0	0	0	2
REGION 5	109	23	6	0	0	29
600	0	0	0	0	0	0
610	0	0	0	0	0	0
620	4	0	0	0	0	0
621	4	0	0	0	0	0
622	0	0	0	0	0	0
623	0	0	0	0	0	0
630	0	0	0	0	0	0
631	0	0	0	0	0	0
632	0	0	0	0	0	0
640	0	0	0	0	0	0
641	0	0	0	0	0	0
650	0	0	0	0	0	0
651	0	0	0	0	0	0
670	0	0	0	0	0	0
680	4	0	2	0	0	2
690	4	2	0	0	0	2
6XX	0	0	0	0	0	0
REGION 6	13	2	2	0	0	4

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KILL STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

KILL DISTRICT	TOTAL HUNTERS	HARVEST			TOTAL KILL
		MALE	FEMALE	UNKNOWN	
700	0	0	0	0	0
701	0	0	0	0	0
702	2	2	0	0	2
703	0	0	0	0	0
704	8	0	2	0	2
705	0	0	0	0	0
7XX	0	0	0	0	0
REGION 7	10	2	2	0	4
818	0	0	0	0	0
835	10	0	0	0	0
839	15	2	2	0	4
843	12	2	0	0	2
850	15	4	0	0	4
870	6	0	0	0	0
880	12	2	0	0	2
890	0	0	0	0	0
891	6	4	0	0	4
892	15	0	0	0	0
8XX	2	0	0	0	0
REGION 8	56	13	2	0	15
XXX	4	0	2	4	6
STATE	919	274	134	6	415

Total

54

6

10

0

16

Quota 8/29

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
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ANALYSIS SUMMARY STATISTICS FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

TOTAL LION LICENSES SOLD: 2215
RESPONSE RECORDS PROCESSED: 1154
CONSTANT EXPANSION FACTOR: 1.92

TOTAL WHO HUNTED:	1211
TOTAL WHO HUNTED ONLY:	294
TOTAL WHO CHASED:	919
TOTAL WHO CHASED ONLY:	2
TOTAL WHO HUNTED OR CHASED:	1213
TOTAL WHO HUNTED AND CHASED:	917

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HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

QUESTION 1:

Was this your first Montana lion hunting license? (circle) YES NO

QUESTION 1 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	803	36.97
NO	1368	63.03
TOTAL	2171	

QUESTION 2:

Did you chase lions during the 1992-93 CHASE season? (circle) YES NO

QUESTION 2 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	473	21.47
NO	1730	78.53
TOTAL	2203	

HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

QUESTION 3:

Which of the following statements best describes your chase season experience(s) this past chase season? (circle only one)

- a) I chased lions without the use of dogs.
- b) I chased lions with my own dogs and I do not charge others to chase lions with me.
- c) I chased lions with a friend who had dogs and did not pay for any services.
- d) I chased lions with a licensed outfitter and paid for the services.
- e) I am either an outfitter or work for an outfitter and charge clients to hunt.
- f) Other. Please explain:

QUESTION 3 ANSWERS:

ANSWER	FREQUENCY	PERCENT
a	28	5.88
b	204	43.14
c	141	29.90
d	63	13.24
e	23	4.90
f	14	2.94
TOTAL	473	

QUESTION 4:

If you chased with dogs, how many do you use on an average chase?

QUESTION 4 ANSWERS:

ANSWER	FREQUENCY	PERCENT
0	7	1.55
1	26	5.70
2	213	47.67
3	116	25.91
4	81	18.13
5	2	0.52
7	2	0.52
TOTAL	448	

HUNTER STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

QUESTION 5:

How many days did you go out to look for tracks but either didn't find any tracks or didn't pursue the ones you found?

QUESTION 5 ANSWERS:

ANSWER	FREQUENCY	PERCENT
0	32	7.25
1	74	16.58
2	53	11.92
3	56	12.44
4	30	6.74
5	51	11.40
6	28	6.22
7	30	6.74
8	7	1.55
9	2	0.52
10	30	6.74
11	2	0.52
12	9	2.07
15	5	1.04
16	2	0.52
20	14	3.11
24	2	0.52
25	5	1.04
26	2	0.52
30	5	1.04
37	2	0.52
40	2	0.52
50	2	0.52
TOTAL	448	

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
100	23	79	248	3.4	3.1	93	1.2	5	74	42	35	26	0
101	16	30	72	1.9	2.4	56	1.8	12	19	5	9	12	0
102	16	32	111	2.0	3.4	37	1.1	9	23	9	14	9	0
103	28	79	234	2.8	3.0	172	2.2	21	58	21	42	90	7
104	5	5	39	1.0	8.5	7	1.5	0	5	2	0	5	0
110	14	32	53	2.3	1.6	56	1.7	9	23	5	14	7	0
120	14	21	137	1.5	6.6	49	2.3	9	12	0	2	9	5
121	28	72	288	2.6	4.0	104	1.5	23	49	30	26	14	12
122	9	23	58	2.5	2.5	35	1.5	5	19	7	7	14	2
123	7	12	42	1.7	3.6	14	1.2	2	9	5	0	5	2
124	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
130	21	39	148	1.9	3.8	63	1.6	16	23	14	16	23	5
132	9	12	44	1.3	3.8	16	1.4	5	7	2	5	5	2
140	7	12	32	1.7	2.8	14	1.2	12	0	0	2	0	0
141	2	5	12	2.0	2.5	14	3.0	0	5	5	2	0	0
150	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
151	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
170	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
1XX	2	5	0	2.0	0.0	5	1.0	5	0	0	0	0	0
REGION 1	121	457	1519	3.8	3.3	733	1.6	132	325	146	174	218	35

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	----- YOUNG LIONS	----- UNKNOWN
200	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
201	16	35	121	2.1	3.5	44	1.3	7	28	16	16	7	0
202	16	37	88	2.3	2.4	49	1.3	2	35	14	21	7	2
203	26	70	232	2.7	3.3	77	1.1	5	65	26	21	21	14
204	9	16	44	1.8	2.7	16	1.0	5	12	5	5	2	0
210	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
211	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
212	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
213	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
214	2	2	21	1.0	9.0	2	1.0	0	2	2	0	0	0
215	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
216	2	2	7	1.0	3.0	7	3.0	0	2	0	2	5	0
240	16	32	77	2.0	2.4	42	1.3	9	23	12	5	19	0
250	12	23	93	2.0	4.0	28	1.2	12	12	9	0	2	0
260	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
261	2	2	0	1.0	0.0	7	3.0	0	2	0	2	5	0
270	14	28	74	2.0	2.7	39	1.4	9	19	14	5	5	0
280	2	2	12	1.0	5.0	2	1.0	0	2	2	0	0	0
281	12	19	56	1.6	3.0	19	1.0	2	16	12	5	0	0
282	2	2	9	1.0	4.0	2	1.0	0	2	2	0	0	0
283	7	14	53	2.0	3.8	23	1.7	0	14	5	5	14	5
284	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
285	2	2	7	1.0	3.0	2	1.0	2	0	0	0	0	0
290	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
291	5	5	7	1.0	1.5	5	1.0	2	2	0	2	0	0
292	5	23	111	5.0	4.8	28	1.2	7	16	7	5	9	0
293	5	19	49	4.0	2.6	23	1.3	9	9	0	7	5	2
2XX	2	5	9	2.0	2.0	5	1.0	2	2	0	2	0	0
REGION 2	102	343	1074	3.4	3.1	424	1.2	74	269	125	107	100	23

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
300	2	9	77	4.0	8.3	9	1.0	7	2	0	0	0	2
301	9	44	118	4.8	2.7	44	1.0	23	21	14	5	9	2
302	5	9	37	2.0	4.0	14	1.5	7	2	0	0	0	2
310	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
311	2	7	44	3.0	6.3	21	3.0	7	0	0	0	0	0
312	5	9	19	2.0	2.0	14	1.5	0	9	2	5	7	0
313	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
314	5	16	49	3.5	3.0	28	1.7	2	14	5	9	12	0
315	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
316	2	12	49	5.0	4.2	16	1.4	5	7	5	5	2	0
317	5	5	12	1.0	2.5	5	1.0	0	5	5	0	0	0
319	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
320	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
321	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
322	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
323	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
324	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
325	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
326	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
327	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
328	2	5	12	2.0	2.5	9	2.0	0	5	2	2	5	0
329	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
330	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
331	5	9	42	2.0	4.5	12	1.3	2	7	2	7	0	0
332	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
333	2	2	14	1.0	6.0	2	1.0	2	0	0	0	0	0
340	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
341	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
360	5	7	19	1.5	2.7	7	1.0	2	5	5	0	0	0
361	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
362	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
393	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
3XX	5	7	39	1.5	5.7	14	2.0	0	7	2	5	7	0
REGION 3	37	141	529	3.8	3.7	195	1.4	58	83	42	37	42	7

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	----- YOUNG	----- LIONS UNKNOWN
400	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
401	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
402	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
403	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
404	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
405	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
406	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
410	2	5	30	2.0	6.5	12	2.5	2	2	0	2	7	0
411	9	16	26	1.8	1.6	46	2.9	7	9	0	5	28	2
412	9	12	26	1.3	2.2	9	0.8	5	5	0	2	2	2
413	5	7	9	1.5	1.3	7	1.0	0	7	0	7	0	0
415	2	5	26	2.0	5.5	5	1.0	0	5	2	2	0	0
416	5	7	44	1.5	6.3	7	1.0	2	5	5	0	0	0
417	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
418	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
419	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
420	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
421	2	9	56	4.0	6.0	2	0.3	2	0	0	0	0	0
422	2	2	5	1.0	2.0	2	1.0	0	2	2	0	0	0
423	2	2	14	1.0	6.0	2	1.0	0	2	0	2	0	0
424	5	5	21	1.0	4.5	5	1.0	0	5	2	2	0	0
425	2	2	7	1.0	3.0	2	1.0	0	2	2	0	0	0
426	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
427	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
428	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
432	7	19	39	2.7	2.1	19	1.0	7	12	5	7	0	0
441	7	60	146	8.7	2.4	81	1.3	9	51	23	21	12	5
442	9	21	44	2.3	2.1	26	1.2	5	16	19	2	0	2
444	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
445	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
446	2	2	14	1.0	6.0	7	3.0	2	0	0	0	0	0
447	2	14	56	6.0	4.0	26	1.8	7	7	2	2	9	0
448	2	5	12	2.0	2.5	5	1.0	5	0	0	0	0	0
449	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
450	5	7	16	1.5	2.3	5	0.7	0	5	5	0	2	0
452	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
454	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
455	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
471	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
4XX	5	7	19	1.5	2.7	7	1.0	2	5	5	0	0	0
REGION 4	81	209	610	2.6	2.9	276	1.3	56	141	72	58	60	12

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL TREED FEMALES	LIONS YOUNG	----- UNKNOWN
500	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
502	2	2	19	1.0	8.0	2	1.0	0	2	2	0	0	0
510	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
511	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
520	14	16	42	1.2	2.6	21	1.3	7	9	7	2	5	0
530	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
540	2	2	9	1.0	4.0	2	1.0	2	0	0	0	0	0
560	14	30	67	2.2	2.2	46	1.5	5	26	7	12	9	7
570	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
575	12	21	63	1.8	3.0	23	1.1	0	16	9	5	7	2
580	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
590	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
5XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 5	39	72	199	1.8	2.8	95	1.3	14	53	26	19	21	9
600	2	2	5	1.0	2.0	5	2.0	0	2	0	0	5	0
610	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
620	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
621	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
622	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
623	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
630	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
631	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
632	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
640	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
641	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
650	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
651	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
670	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
680	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
690	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
6XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 6	2	2	5	1.0	2.0	5	2.0	0	2	0	0	5	0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

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CHASE STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/HUNTER	AVERAGE HOURS/CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	----- MALES	TOTAL FEMALES	TREED LIONS YOUNG	----- UNKNOWN
700	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
701	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
702	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
703	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
704	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
705	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
7XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 7	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
818	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
835	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
839	2	2	5	1.0	2.0	2	1.0	0	2	0	2	0	0
843	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
850	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
870	2	2	37	1.0	16.0	7	3.0	0	2	0	2	5	0
880	5	5	16	1.0	3.5	9	2.0	0	5	2	2	0	0
890	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
891	7	9	19	1.3	2.0	14	1.5	5	5	0	5	5	0
892	9	44	158	4.8	3.6	74	1.7	23	21	9	7	12	0
8XX	2	5	32	2.0	7.0	9	2.0	0	5	0	5	5	0
REGION 8	26	67	267	2.6	4.0	116	1.7	28	39	12	23	26	0
XXX	26	42	93	1.6	2.2	70	1.7	19	23	19	14	26	5
STATE	411	1334	4295	3.2	3.2	1913	1.4	380	937	441	431	496	90

12 chases

6 13 45 6.0 14.0 2.3 2.0 5.8

2.3 0.5

4 0 4 0 0

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT
ANALYSIS SUMMARY STATISTICS FOR CHASE ONLY SEASON FEB. 16, 1993 THROUGH APR. 30, 1993

TOTAL LION LICENSES SOLD:	2215
RESPONSE RECORDS PROCESSED:	955
CONSTANT EXPANSION FACTOR:	2.32

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS
1992-1993 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

RAW QUESTIONNAIRE KILL RESPONSE DATA FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX
100	12/01/92	M	121	12/07/92	M	202	12/20/92	F	250	??/??/??	M
100	12/01/92	M	121	12/01/92	M	202	12/21/92	M	270	12/04/92	M
100	12/05/92	F	122	12/01/92	F	202	??/??/??	M	270	12/07/92	M
100	12/06/92	M	122	12/06/92	M	202	??/??/??	M	270	12/10/92	F
100	12/08/92	M	122	12/07/92	M	203	12/05/92	M	270	12/11/92	M
100	12/08/92	M	122	12/14/92	F	203	12/23/92	M	270	12/12/92	M
100	12/13/92	F	122	01/02/93	M	204	12/23/92	F	270	01/06/93	M
101	12/01/92	F	123	12/??/92	F	204	12/28/92	M	281	12/03/92	F
101	12/02/92	M	123	12/01/92	M	204	12/30/92	M	281	12/06/92	M
101	12/03/92	F	123	12/02/92	F	204	01/01/93	F	281	12/06/92	M
101	12/05/92	M	123	12/10/92	F	204	01/05/93	M	281	12/15/92	M
101	12/06/92	F	130	12/02/92	F	204	01/12/93	F	281	12/16/92	M
101	12/12/92	M	130	12/05/92	M	210	12/08/92	M	281	12/20/92	M
101	12/12/92	M	130	12/10/92	F	210	12/28/92	F	281	12/20/92	F
101	12/12/92	F	130	12/13/92	M	211	12/14/92	M	283	12/??/92	F
101	12/13/92	M	130	12/11/92	M	212	12/01/92	M	283	12/03/92	M
101	12/13/92	F	132	12/02/92	M	212	12/??/92	M	283	12/18/92	F
102	12/01/92	M	132	12/15/92	M	215	12/04/92	M	283	12/20/92	M
102	12/01/92	M	132	12/18/92	F	216	12/15/92	M	283	12/22/92	M
102	12/01/92	M	140	11/12/92	M	216	12/20/92	M	285	12/05/92	M
103	12/01/92	F	140	12/03/92	F	216	12/26/92	M	285	12/06/92	M
103	12/03/92	M	140	12/25/92	M	240	12/06/92	M	285	12/11/92	M
103	12/03/92	M	140	01/25/93	F	240	12/19/92	M	285	12/20/92	F
103	12/??/92	F	140	02/08/93	M	240	12/27/92	F	291	12/10/92	M
104	12/02/92	U	140	??/??/??	F	240	12/30/92	M	291	12/22/92	M
104	12/03/92	M	150	11/20/92	M	240	12/31/92	M	292	12/17/92	M
104	12/05/92	M	1XX	01/12/93	F	240	01/04/93	M	293	12/05/92	M
110	12/01/92	F	200	12/02/92	M	240	01/09/93	F	300	01/31/93	M
110	12/01/92	M	201	12/08/92	M	240	01/24/93	F	301	02/02/93	M
110	12/02/92	M	201	12/11/92	M	240	02/10/93	M	311	01/15/93	M
110	12/03/92	M	201	12/17/92	M	240	02/14/93	M	312	12/17/92	M
110	12/11/92	F	201	??/??/??	F	240	??/??/??	F	312	02/11/93	M
110	12/11/92	M	202	12/14/92	F	250	12/05/92	F	314	12/13/92	F
110	12/16/92	F	202	12/16/92	M	250	12/05/92	M	314	01/01/93	M
120	12/15/92	F	202	12/17/92	F	250	12/05/92	M	314	01/12/93	M
121	12/02/92	F	202	12/18/92	M	250	12/08/92	M	317	12/03/92	F
121	12/04/92	F	202	12/19/92	F	250	12/16/92	M	317	12/08/92	M

RAW QUESTIONNAIRE KILL RESPONSE DATA FOR HUNTING/CHASE SEASON SEP. 15, 1992 THROUGH FEB. 15, 1993

DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX	DISTRICT	KILL DATE	SEX
317	12/16/92	M	452	11/10/92	M			
317	12/17/92	M	502	12/14/92	M			
319	12/06/92	F	511	02/10/93	M			
320	12/01/92	M	520	12/23/92	M			
333	12/31/92	M	520	01/01/93	M			
340	01/02/93	M	520	01/09/93	F			
360	01/03/93	M	520	01/14/93	M			
393	??/??/??	F	540	01/15/93	F			
411	12/12/92	M	540	01/16/93	M			
412	12/13/92	M	540	01/28/93	M			
412	12/13/92	M	560	12/09/92	F			
412	12/23/92	F	560	12/12/92	M			
413	12/25/92	F	560	01/01/93	M			
418	01/25/93	M	575	12/07/92	M			
420	01/01/93	M	580	01/10/93	M			
422	12/08/92	F	5XX	12/19/92	M			
423	12/09/92	F	680	02/13/93	F			
423	12/23/92	M	690	01/02/93	M			
423	12/31/92	F	702	12/06/92	M			
423	01/03/93	F	704	12/01/92	F			
423	01/03/93	F	839	12/31/92	F			
432	12/17/92	M	839	12/31/92	M			
432	01/11/93	M	843	12/06/92	M			
441	12/21/92	M	850	12/13/92	M			
445	01/03/93	F	850	12/19/92	M			
445	01/03/93	F	880	01/11/93	M			
445	01/03/93	M	891	12/01/92	M			
445	01/10/93	M	891	12/03/92	M			
446	12/16/92	M	XXX	12/30/92	F			
446	12/21/92	M	XXX	??/??/??	U			
446	12/29/92	M	XXX	??/??/??	U			
446	12/29/92	M						
446	01/03/93	M						
448	12/07/92	M						
448	01/02/93	F						
449	01/04/93	M						
450	12/12/92	M						

Montana Department of Fish, Wildlife & Parks



Research and Technical Services Bureau
FWP Building, MSU Campus
Bozeman, MT 59717-0322

November 1992

Dear Hunter:

Our records indicate that you drew a 326 deer "B" license, valid for antlerless, either species, from October 25 - November 29, in hunting district 326. We are surveying these license holders to obtain information that we need for hunting season regulation recommendations. The following questions pertain only to hunting and harvest activities occurring within the October 25 - November 29 time period relevant to your 326 license. We would appreciate it if you would check the appropriate answers to the following questions. Please return this survey to us within 2 weeks in the enclosed postage paid return envelope whether you hunted or not.

1. Did you hunt antlerless deer in hunting district 326 during the general season (Oct. 25 through Nov. 29)? ☐ Yes ☐ No
2. Were you offered a second deer 326 "B" license for hunting district 326 this year? ☐ Yes ☐ No
3. Did you purchase the second 326 license? ☐ Yes ☐ No
4. Did you harvest any antlerless deer using your 326 license(s) this year? ☐ Yes ☐ No
5. Please indicate the number of antlerless deer harvested using your 326 license(s), by species and time period in the appropriate spaces.

Time Period of Kill	Mule Deer	White-tailed Deer
Oct. 25 - Oct. 31		
Nov. 1 - 7		
Nov. 8 - 14		
Nov. 15 - 21		
Nov. 22 - 29		

The information you have provided will be very useful. Because this survey was conducted earlier than normal you may still be contacted by phone during our annual Harvest Survey later this winter. Thank you for your cooperation.

Sincerely,

Robert Martinka
Regional Supervisor

Robert D. Brannon
Wildlife Biologist

Enclosure

MTN. LION
'92 REGULATIONS

95 REGULATIONS
MTN. LION

MOUNTAIN LION QUESTIONNAIRE

This questionnaire requests your hunting and chase activity during the 1992-93
HUNTING SEASON: ONLY.

A questionnaire requesting your chase activity during the **CHASE ONLY SEASON,**
will be sent to you in early May 1993.

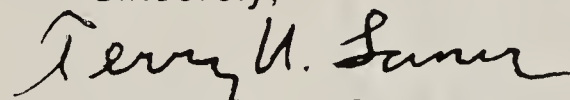
Mountain Lion License Holder:

Our records indicate that you purchased a 1992-93 mountain lion license in Montana. This survey requests information about YOUR lion hunting and chase experience during this past 1992-93 Mountain Lion **HUNTING SEASON**.

You will receive a similar questionnaire in early May, 1993 about the CHASE ONLY SEASON.

Information you and other mountain lion hunters provide through this survey will help in establishing the future direction of lion management in Montana. Please complete the questionnaire and mail it within 2 weeks in the enclosed stamped envelope, **EVEN IF YOU DID NOT HUNT /CHASE LIONS THIS SEASON.** Thank you!

Sincerely,



Harvest Survey Supervisor

Mont. Dept. Fish, Wildlife & Parks

1. Was this your first Montana lion hunting license? (circle) YES NO
2. Did you hunt/chase lions during this 1992-93 lion HUNTING season? (circle) YES NO
3. Which of the following statements best describes you as a lion hunter this season.
(circle only one)
 - a. I hunted lions without the use of dogs.
 - b. I hunted/chased lions with my own dogs and I do not charge others to go hunting with me.
 - c. I hunted/chased lions with a friend who had dogs and did not pay for any services.
 - d. I hunted/chased lions with a licensed outfitter and paid for the services.
 - e. I am either an outfitter or work for an outfitter and charge clients to hunt.
 - f. Other. Please explain _____
4. If you hunt /chase with dogs, how many do you use on an average hunt? _____
5. How many days did you go out to look for tracks but either didn't find any tracks or didn't pursue the ones you found? _____
6. See back

6. For each time you went into the field and followed tracks with the hope of treeing a lion, please provide the following information for each chase.

Chase	Hunting District (see map)	Duration of chase in hours (see *)	Number of Lions	RESULT OF CHASE (✓) ONE			FOR TREED LIONS, HOW MANY WERE:			
				Abandoned tracks	Treed lion	Adult males	Adult females	Juveniles	Unable to sex	
# 1										
# 2										
# 3										
# 4										
# 5										
# 6										
# 7										
# 8										
# 9										

* NOTE: Start when you began to follow tracks and end when you either abandoned or treed lion.

7. Did you kill a lion during this 1992-93 Hunting season? YES NO

If YES, in what hunting district: _____ Date of kill: ____/____/____ (circle) Male or Female

must present the com-
top portion of the skull
official within 10 days of

on 5 - 252-4654
 on 6 - 228-9347
 on 7 - 232-4365
 on 8 - 444-4720

(c) - valid north side of Tin Cup
drainage to the Lost Horse
d to Bear Creek Pass.
x - valid from the Lost Horse
ad north through the entire
on and Sawtooth drainage.
x - valid from Canyon Creek
e Sheafman Creek drainage.
ex - valid in the entire Fred
age.

ex - valid in the entire Bear
d Sweathouse Creek drain-

sex - valid in the entire Big
image.

ex - valid in the entire Kootenai drainage.

ex - valid in the entire Bass
inage.

ex - valid in the entire Sweet-
ek, One Horse, Carlton,
the South Fork of Lolo Creek

sex - valid in portion north of
e Road and West Fork Road.

ex - valid in portion south of
the Road and West Fork Road.

ex

ex

sex

sex

sex

sex

sex _____
sex _____

sex

sex
of hunting district 323, a
on 24 hour notice.

Hunting District	Season Opens-Closes	Tentative License Quota
324	Sept. 1 - Nov. 29	4 either sex
325	Sept. 1 - Nov. 29	8 either sex
326	Sept. 1 - Nov. 29	14 either sex
327	Sept. 1 - Nov. 29	8 either sex
328	Sept. 1 - Nov. 29	4 either sex
329	Sept. 15 - Nov. 29	5 either sex
330	Sept. 1 - Nov. 29	4 either sex
331	Sept. 1 - Nov. 29	8 either sex
340	Sept. 1 - Nov. 29	2 either sex
380	Hunting District has been changed to 880.	
393	Sept. 1 - Nov. 29	5 either sex

414	Sept. 15 - Nov. 29	3 either sex
415	Sept. 15 - Nov. 29	5 either sex
431	Hunting District has been changed to 831.	
447	Sept. 15 - Nov. 29	15 either sex
451	Sept. 15 - Nov. 29	3 either sex

514	Sept. 15 - Nov. 29	2 either sex
517	Sept. 15 - Nov. 29	8 either sex
518	Sept. 15 - Nov. 29	5 either sex - valid in portion of district south of Forest Service Trail 17 (Mystic Lake to East Rosebud Trail) only.

519 Sept. 15 - Nov. 29 2 either sex

800 SERIES DISTRICTS
The 800 series districts are comprised of pre-existing districts that are now under the administrative jurisdiction of Region 8. Questions regarding these districts should be referred to the Fish, Wildlife and Parks Region 8 Headquarters at (406) 444-4720.

831	Sept. 15 - Nov. 29	4 either sex
880	Sept. 1 - Nov. 29	3 either sex

DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS
270	5	73	326	14	192	415	5	87
280	2	66	327	8	249	431	4	203
312	12	339	328	4	106	447	15	861
313	3	76	329	5	61	451	3	213
320	10	176	330	4	77	514	2	53
321	4	126	331	8	183	517	8	165
322	1	170	340	2	52	518	5	126
323	16	228	380	3	139	519	2	42
324	4	113	393	5	365			
325	8	106	414	3	98			

6. For each time you went into the field and followed tracks with the hope of treeing a lion, please provide the following information for each chase.

Chase	Hunting District (see map)	Duration of chase in hours (see *)	Number of Lions	RESULT OF CHASE (✓) ONE		FOR TREED LIONS, HOW MANY WERE:			
				Abandoned tracks	Treed lion	Adult males	Adult females	Juveniles	Unable to sex
# 1									
# 2									
# 3									
# 4									
# 5									
# 6									
# 7									
# 8									
# 9									

* NOTE: Start when you began to follow tracks and end when you either abandoned or treed lion.

7. Did you kill a lion during this 1992-93 Hunting season? YES NO

If YES, in what hunting district: _____ Date of kill: ____/____/____ (circle) Male or Female

LICENSES & GENERAL INFORMATION

- Mountain goat licenses are awarded through special drawings.
- Applications must be postmarked by the U.S. Postal Service no later than June 1.
- There is no ARCHERY ONLY season for goat.
- A new 1991 law states that an applicant who receives a goat license is not eligible to receive another license for goat for the next succeeding seven years. For example, if you received a goat license in 1991, you may not apply for another until 1999.

MANDATORY REPORTING REQUIREMENTS

Any person taking a mountain goat must present the complete head with horns attached or the top portion of the skull with horns attached to a department official within 10 days of the date of kill.

Region 1 - 752-5501
Region 2 - 542-5500
Region 3 - 994-4042
Region 4 - 454-3441

Region 5 - 252-4654
Region 6 - 228-9347
Region 7 - 232-4365
Region 8 - 444-4720

SPECIAL SEASONS & TENTATIVE QUOTAS

Both resident and nonresident sportspersons are eligible to apply for the following licenses and permits awarded through the special drawings. Nonresidents are limited to, but not guaranteed, 10 percent of a region quota.

- Nonresidents have no opportunity to draw a license in districts that are not listed below. 100, 101, 141, 150, 151, 212, 213, 222, 223, 240-01, 240-02, 250-01, 312, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 414, 415, 447, 517.

Hunting District	Season Opens-Closes	Tentative License Quota
100 SERIES DISTRICTS		
100	Sept. 15 - Nov. 29	5 either sex
101	Sept. 15 - Nov. 29	3 either sex
131	Sept. 15 - Nov. 29	9 either sex
132	Sept. 15 - Nov. 29	5 either sex
133	Sept. 15 - Nov. 29	5 either sex
134	Sept. 15 - Nov. 29	2 either sex
140	Sept. 15 - Nov. 29	2 either sex
141	Sept. 15 - Nov. 29	10 either sex
142	Sept. 15 - Nov. 29	3 either sex
150	Sept. 15 - Nov. 29	2 either sex
151	Sept. 15 - Nov. 29	5 either sex
200 SERIES DISTRICTS		
212	Sept. 15 - Nov. 29	4 either sex
213	Sept. 15 - Nov. 29	2 either sex
222	Sept. 1 - Nov. 29	8 either sex
223	Sept. 1 - Nov. 29	10 either sex

Hunting District	Season Opens-Closes	Tentative License Quota
240-01	Sept. 15 - Nov. 29	3 either sex - valid north side of Tin Cup Creek drainage to the Lost Horse Creek Road to Bear Creek Pass.
240-02	Sept. 15 - Nov. 29	6 either sex - valid from the Lost Horse Creek Road north through the entire Roaring Lion and Sawtooth drainage.
240-03	Sept. 15 - Nov. 29	5 either sex - valid from Canyon Creek through the Sheafman Creek drainage.
240-04	Sept. 15 - Nov. 29	3 either sex - valid in the entire Fred Burr drainage.
240-05	Sept. 15 - Nov. 29	3 either sex - valid in the entire Bear Creek and Sweathouse Creek drainages.
240-06	Sept. 15 - Nov. 29	4 either sex - valid in the entire Big Creek drainage.
240-07	Sept. 15 - Nov. 29	3 either sex - valid in the entire Kootenai Creek drainage.
240-08	Sept. 15 - Nov. 29	1 either sex - valid in the entire Bass Creek drainage.
240-09	Sept. 15 - Nov. 29	1 either sex - valid in the entire Sweeney Creek, One Horse, Carlton, through the South Fork of Lolo Creek drainage.
250-01	Sept. 15 - Nov. 29	15 either sex - valid in portion north of Nez Perce Road and West Fork Road.
250-02	Sept. 15 - Nov. 29	2 either sex - valid in portion south of Nez Perce Road and West Fork Road.
270	Sept. 15 - Nov. 29	5 either sex
280	Sept. 15 - Nov. 29	2 either sex
300 SERIES DISTRICTS		
312	Sept. 1 - Nov. 29	12 either sex
313	Sept. 1 - Nov. 29	3 either sex
320	Sept. 1 - Nov. 29	10 either sex
321	Sept. 1 - Nov. 29	4 either sex
322	Sept. 1 - Nov. 29	1 either sex
323	Sept. 15 - Nov. 29	16 either sex
Deckard Flats — Eagle Creek portion of hunting district 323, as posted, subject to closure to all hunting on 24 hour notice.		

Hunting District	Season Opens-Closes	Tentative License Quota
324	Sept. 1 - Nov. 29	4 either sex
325	Sept. 1 - Nov. 29	8 either sex
326	Sept. 1 - Nov. 29	14 either sex
327	Sept. 1 - Nov. 29	8 either sex
328	Sept. 1 - Nov. 29	4 either sex
329	Sept. 15 - Nov. 29	5 either sex
330	Sept. 1 - Nov. 29	4 either sex
331	Sept. 1 - Nov. 29	8 either sex
340	Sept. 1 - Nov. 29	2 either sex
380	Hunting District has been changed to 880.	
393	Sept. 1 - Nov. 29	5 either sex
400 SERIES DISTRICTS		
414	Sept. 15 - Nov. 29	3 either sex
415	Sept. 15 - Nov. 29	5 either sex
431	Hunting District has been changed to 831.	
447	Sept. 15 - Nov. 29	15 either sex
451	Sept. 15 - Nov. 29	3 either sex
500 SERIES DISTRICTS		
514	Sept. 15 - Nov. 29	2 either sex
517	Sept. 15 - Nov. 29	8 either sex
518	Sept. 15 - Nov. 29	5 either sex - valid in portion of district south of Forest Service Trail 17 (Mystic Lake to East Rosebud Trail) only.
519	Sept. 15 - Nov. 29	2 either sex
800 SERIES DISTRICTS		
The 800 series districts are comprised of pre-existing districts that are now under the administrative jurisdiction of Region 8. Questions regarding these districts should be referred to the Fish, Wildlife and Parks Region 8 Headquarters at (406) 444-4720.		
831	Sept. 15 - Nov. 29	4 either sex
880	Sept. 1 - Nov. 29	3 either sex

DRAWING STATISTICS

DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS	DIST	TOTAL QUOTA	1ST CHOICE APPLICANTS
100	8	240	140	2	58	24002	6	133	270	5	73	326	14	192	415	5	87
101	3	66	141	10	198	24003	5	54	280	2	66	327	8	249	431	4	203
131	9	179	142	3	58	24004	3	43	312	12	339	328	4	106	447	15	861
132	5	62	150	2	30	24005	3	36	313	3	76	329	5	61	451	3	213
133	5	113	151	5	45	24006	4	71	320	10	176	330	4	77	514	2	53
134	2	71	212	4	85	24007	3	68	321	4	126	331	8	183	517	8	165
			213	2	90	24008	1	40	322	1	170	340	2	52	518	5	126
			222	8	134	24009	1	39	323	16	228	380	3	139	519	2	42
			223	10	189	25001	15	222	324	4	113	393	5	365			
			24001	3	48	25002	2	28	325	8	106	414	3	98			

Goat

LICENSES & GENERAL INFORMATION

- A sportsperson may purchase only one mountain lion license per year.
- Mountain lion licenses are available only at Fish, Wildlife and Parks offices.
- Applications must be postmarked by the U.S. Postal Service no later than August 31.
- A sportsperson may legally take one adult mountain lion per season.
- A sportsperson may legally begin the chase season any time after kill is made or when the quota is reached in a district and the hunting season is closed in its entirety.
- A sportsperson should obtain the chase permit at the time the lion license is purchased.
- When the total quota is reached in a hunting district or hunting district group, the mountain lion season for that area will close upon 48-hour notice, but no later than February 15.
- When the female subquota is reached in the hunting district or hunting district group, the lion season will remain open for only male (Tom) lion until the total quota is reached and then the area will close upon 48 hour notice but no later than February 15.
- Females with kittens may not be taken. If a lactating female is killed, she shall be backtracked and the kittens captured and turned over to the Department of Fish, Wildlife and Parks. (Kittens are young of the year.) No juveniles (with body spots) shall be killed.

- The mountain lion license and tag must be attached to the animal immediately upon kill.
- Evidence of sex must remain naturally intact on the hide.
- Evidence of sex must be verified by department personnel before a trophy license is issued. It will also be mandatory that skulls be turned in and tagged at the time a trophy license is issued.
- All Wildlife Management Areas and National Wildlife Refuges are closed to lion hunting.
- Current harvest information may be obtained by calling the Fish, Wildlife and Parks Headquarters in the administrative region where the district is located during normal business hours. See Regional Headquarters listing, page 6.

USE OF DOGS:

- Dogs may be used to chase or hunt mountain lions within prescribed seasons. Lion hunting and chase seasons are open for a portion of each day from one-half hour before sunrise to one-half hour after sunset for the dates listed by hunting district.
- It is prohibited for a dog owner or lion hunter to release dogs on a lion track, or allow dogs to chase a lion, or hold a lion at bay during any period of the day or year when the season is not open to hunting or chasing lions.
- Legitimate attempts to retrieve loose dogs after legal hunting hours does not constitute a violation of this rule.

MOUNTAIN LION — TROPHY

A sportsperson harvesting a mountain lion must:

- Personally report their lion kill within 48 hour to an officer of the Department of Fish, Wildlife and Parks in the administrative region (see Regional Headquarters listing, page 6) where the kill was made, and must personally present the hide and skull within 10 days to an officer of the Department residing in the administrative region in which the license was filled, for the purpose of inspection, tagging, recording of kill, and issuance of a trophy license.
- The metal hide tag must thereafter remain attached to the hide until tanned.
- The metal skull tag must remain attached to the skull for at least one year.
- The lion skull will be retained by the Department of Fish, Wildlife and Parks for processing and examination and then returned to the owner.
- It is unlawful for anyone to possess, ship or transport any mountain lion, or part thereof, unless they have been tagged as prescribed.

HUNTING OR CHASE SEASON

HUNTING DISTRICTS (OR GROUPS)	HUNTING CHASE SEASONS	TENTATIVE LION HARVEST QUOTAS	FEMALE SUB-QUOTA
100 SERIES DISTRICTS			
100, 103 & 104	Dec. 1 - Feb. 15, 1993	20	8
101	Dec. 1 - Feb. 15, 1993	7	3
102 & 120	Dec. 1 - Feb. 15, 1993	7	3
110	Dec. 1 - Feb. 15, 1993	8	4
121 & 122	Dec. 1 - Feb. 15, 1993	20	8
123 & 124	Dec. 1 - Feb. 15, 1993	7	3
130	Dec. 1 - Feb. 15, 1993	8	8
132, 140*, 141 & 170	Dec. 1 - Feb. 15, 1993	12	12
*Only northern portion of hunting district 140.			
140*, 150 & 151	Sept. 15 - Feb. 15, 1993	6	6
*Only southern portion of hunting district 140.			
200 SERIES DISTRICTS			
200, 201, 202 & 203	Dec. 1 - Feb. 15, 1993	20	10
204, 260 & 261	Dec. 1 - Feb. 15, 1993	15	8
210, 211 & 216	Dec. 1 - Feb. 15, 1993	6	3
212, 213, 214, 215 & 291	Dec. 1 - Feb. 15, 1993	8	4
240	Dec. 1 - Feb. 15, 1993	15	8

HUNTING DISTRICTS (OR GROUPS)	HUNTING CHASE SEASONS	TENTATIVE LION HARVEST QUOTAS	FEMALE SUB-QUOTA
300 SERIES DISTRICTS			
300, 302, 328 & 329	Dec. 1 - Feb. 15, 1993	3	2
301 & 314	Dec. 1 - Feb. 15, 1993	5	2
310, 311, 360, 361 & 362	Dec. 1 - Feb. 15, 1993	5	2
312, 315 & 393	Dec. 1 - Feb. 15, 1993	2	2
313, 316 & 317	Dec. 1 - Feb. 15, 1993	5	2
Deckard Flats — Eagle Creek portion of hunting district 313, as posted; subject to closure to all hunting on 24 hour notice.			
318, 350	Hunting Districts have been changed to 818 & 850.		
319, 340 & 341	Dec. 1 - Feb. 15, 1993	3	2
320, 322, 323, 324, 325, 326, 327, 330, & 333	Dec. 1 - Feb. 15, 1993	4	2
321, 331, 332	Dec. 1 - Feb. 15, 1993	3	2
370 & 380	Hunting Districts have been changed to 870 & 880.		
390, 391 & 392	Hunting Districts have been changed to 890, 891 & 892.		

HUNTING DISTRICTS (OR GROUPS)	HUNTING CHASE SEASONS	TOTAL	TENTATIVE LION HARVEST QUOTAS	FEMALE SUB-QUOTA
405, 418, 420, 432, 447, 448, 449, 452, 454, & 471	Dec. 1 - Feb. 15, 1993	8		2
410, 411, 412, 417, 419 & 426	Dec. 1 - Feb. 15, 1993	8		2
413, 416, 445, 446 & 455	Dec. 1 - Feb. 15, 1993	14		4
421, 423, 835, 839 & 843	Dec. 1 - Feb. 15, 1993	8		3
500 SERIES DISTRICTS				
500, 511, 530 & 590	Dec. 1 - Feb. 15, 1993	5		2
502 & 520	Dec. 1 - Feb. 15, 1993	8		3
510	Dec. 1 - Feb. 15, 1993	2		1
540	Dec. 1 - Feb. 15, 1993	4		2
560	Dec. 1 - Feb. 15, 1993	10		3
570 & 580	Dec. 1 - Feb. 15, 1993	4		2
575	Dec. 1 - Feb. 15, 1993	4		2
600 SERIES DISTRICTS				
	Dec. 1 - Feb. 15, 1993		3 any lion	
700 SERIES DISTRICTS				
	Dec. 1 - Feb. 15, 1993		3 any lion	

250 & 270	Dec. 1 - Feb. 15, 1993	15	3
280	Sept. 15 - Feb. 15, 1993	15	5
281, 284, 285 & 293	Dec. 1 - Feb. 15, 1993		
282	CLOSED	--	--
283, 290 & 292	Dec. 1 - Feb. 15, 1993	10	5

400 SERIES DISTRICTS

400, 401, 402, 403, 404, 406, 415, 422, 424, 425, 441, 442, 444 & 450	Dec. 1 - Feb. 15, 1993	8	3
427 & 428	Jan. 1 - Feb. 15, 1993		

800 SERIES DISTRICTS

818, 850	Dec. 1 - Feb. 15, 1993	2	1
835, 839 & 843—These districts are included in the 421 & 423 series districts and those dates and quotas apply.			
870 & 880	Dec. 1 - Feb. 15, 1993	3	2
890, 891 & 892	Dec. 1 - Feb. 15, 1993	4	2

CHASE ONLY SEASON

- All hunting districts are open for a portion of each day, from one-half hour before sunrise to one-half hour after sunset, to the CHASE ONLY season if: 1) Sportspeople holding a chase permit have legally filled their mountain lion license, or 2) if the total district harvest quota has been met and the district is closed to hunting, or 3) from February 16-April 30, 1993.
- Sportspeople wishing to participate in any chase season must:
 - 1) Hold a valid 1992 lion license (or show proof of purchasing a license in the event the license has been filled).
 - 2) Hold a free chase permit. Sportspeople should obtain the chase permit at the time the lion license is purchased.
 - 3) Free chase permits are available at all Fish, Wildlife and Parks offices.
- Only one person in the party must hold a chase permit to chase mountain lion.
- All Wildlife Management Areas, National Wildlife Refuges and Hunting District 282 are closed to the lion chase season.

SUNRISE-SUNSET TABLES



ZONES

Zone 1—Flathead, Granite, Lake, Lincoln, Mineral, Missoula, Ravalli and Sanders Counties.

Zone 2—Beaverhead, Broadwater, Cascade, Chouteau, Deer Lodge, Gallatin, Glacier, Hill, Jefferson, Lewis & Clark, Liberty, Madison, Meagher, Park, Pondera, Powell, Silver Bow, Teton and Toole Counties.

Zone 3—Blaine, Bighorn, Carbon, Fergus, Golden Valley, Judith Basin, Musselshell, Petroleum, Phillips, Stillwater, Sweet Grass, Wheatland and Yellowstone Counties

Zone 4—Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Powder River, Prairie, Rosebud, Richland, Roosevelt, Sheridan, Treasure, Wibaux and Valley Counties.

Sunrise-Sunset Tables For Determining Hunting Hours

These tables, including adjustments for daylight savings time, are the official sunrise-sunset tables adopted by the Fish, Wildlife and Parks Commission for hunting in Montana. (Do not utilize tables from other sources.)

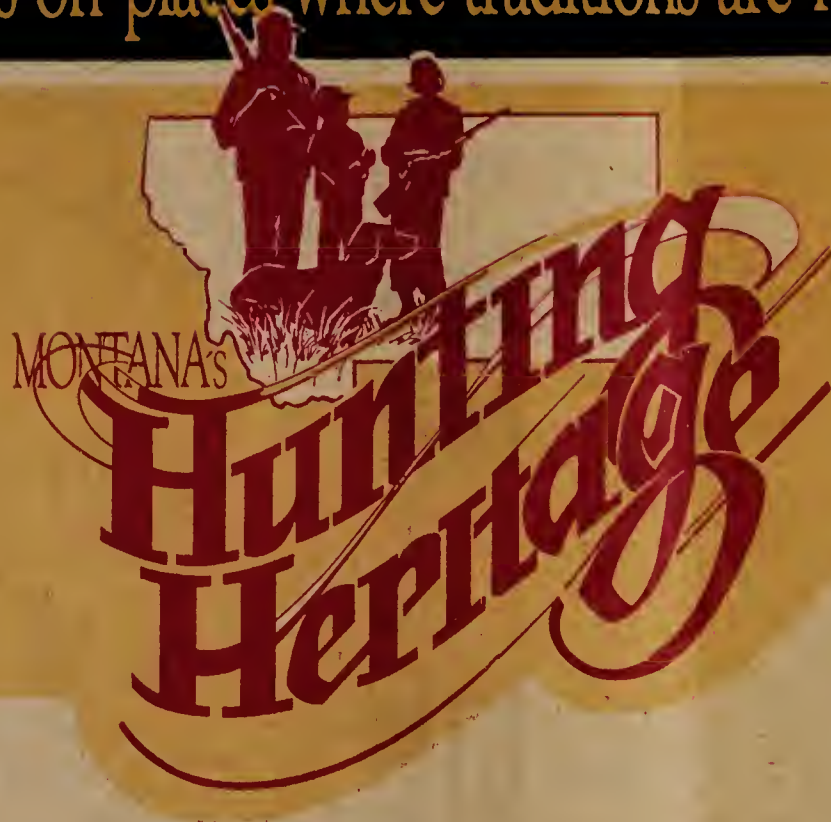
	Zone 1		Zone 2		Zone 3		Zone 4	
September	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1- 5	6:57	8:17	6:50	8:04	6:37	7:49	6:27	7:46
6-10	7:04	8:06	6:56	7:54	6:43	7:40	6:34	7:36
11-15	7:11	7:56	7:03	7:44	6:49	7:30	6:40	7:25
16-20	7:18	7:46	7:09	7:34	6:56	7:20	6:47	7:15
21-25	7:25	7:35	7:16	7:24	7:02	7:11	6:54	7:05
26-30	7:32	7:25	7:22	7:14	7:08	7:01	7:01	6:54
October								
1- 5	7:39	7:14	7:29	7:04	7:14	6:51	7:08	6:44
6-10	7:46	7:04	7:36	6:55	7:21	6:42	7:17	6:32
11-15	7:54	6:54	7:42	6:45	7:28	6:33	7:23	6:24
16-20	8:01	6:45	7:49	6:36	7:34	6:24	7:30	6:14
21-25	8:09	6:35	7:56	6:28	7:41	6:15	7:38	6:05
26-27	8:13	6:30	8:02	6:21	7:47	6:09	7:44	5:56
28-31	7:18	5:25	7:05	5:18	6:50	5:06	6:47	4:53
November								
1- 5	7:26	5:17	7:12	5:10	6:57	4:58	6:55	4:45
6-10	7:34	5:09	7:20	5:03	7:04	4:52	7:03	4:37
11-15	7:41	5:02	7:27	4:57	7:11	4:46	7:10	4:31
16-20	7:49	4:56	7:34	4:52	7:18	4:40	7:18	4:25
21-25	7:56	4:51	7:41	4:47	7:24	4:36	7:25	4:20
26-30	8:03	4:47	7:48	4:44	7:31	4:33	7:32	4:17

	Zone 1		Zone 2		Zone 3		Zone 4	
December	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1- 5	8:09	4:44	7:54	4:42	7:37	4:31	7:38	4:14
6-10	8:15	4:43	7:59	4:41	7:42	4:30	7:44	4:13
11-15	8:20	4:43	8:04	4:41	7:47	4:30	7:49	4:13
16-20	8:23	4:44	8:08	4:42	7:50	4:31	7:52	4:14
21-25	8:26	4:46	8:10	4:44	7:53	4:33	7:55	4:16
26-31	8:28	4:50	8:12	4:47	7:55	4:37	7:57	4:20
January								
1- 5	8:28	4:56	8:12	4:53	7:56	4:42	7:57	4:25
6-10	8:27	5:00	8:11	4:58	7:55	4:47	7:56	4:31
11-15	8:24	5:06	8:09	5:05	7:53	4:53	7:54	4:37
16-20	8:21	5:13	8:06	5:11	7:50	5:00	7:50	4:44
21-25	8:16	5:21	8:02	5:18	7:46	5:07	7:45	4:52
26-31	8:11	5:28	7:57	5:26	7:41	5:14	7:40	5:00

A complete listing of sunrise-sunset tables for determining hunting hours showing the months of April through February is available from any Fish, Wildlife and Parks office.

Sunrise/Sunset Tables

Wildlife depends on places where traditions are more than memories. Pass Them On.



FIRST CLASS



FIRST CLASS MAIL
U.S. POSTAGE
PAID
Permit No. 131

**Montana Department of
Fish, Wildlife & Parks**



1420 EAST SIXTH AVENUE
HELENA, MONTANA 59620

BLACK BEAR

1992

HUNTING REGULATIONS
STATE OF MONTANA



General Regulations

These regulations apply to all legally described black bear hunting districts.

Licenses — The following licenses are available at all Fish, Wildlife and Parks offices and most license agents throughout the state.

Conservation License (Prerequisite)	\$4.00 Res. & \$5.00 Non-Res.
Resident Black Bear License	\$ 11.00
Nonresident Black Bear License	\$120.00

Baiting — It is illegal to bait bears or to hunt bears with dogs.

Clothing Color — During the “gun” season, any person hunting or accompanying a sportsperson as an outfitter or guide must wear a minimum of 400 square inches of hunter orange (fluorescent) material above the waist, visible at all times.

Evidence of Sex — A sportsperson harvesting a black bear must leave evidence of sex naturally intact on the hide, and if required by the department, must physically go back to the kill site for inspection.

Game Limit — A sportsperson may legally harvest one black bear per license year. Female bears with young and individual cubs may not be harvested.

Grizzly Bear — Any accidental taking of a grizzly bear shall be reported within five (5) days of occurrence, to the Director, Montana Department of Fish, Wildlife and Parks, 1420 East Sixth Avenue, Helena, MT 59620 and to the U.S. Fish and Wildlife Service, Division of Law Enforcement, P.O. Box 25486, DFC, Denver, CO 80225.

Hunter Education — Both resident and nonresident youths 12-17 years of age must provide a Certificate of Competency in the safe handling of firearms before they may purchase a hunting license.

Bowhunters — 12-17 years of age are required, in addition to firearm safety, to provide a Certificate of Competency in the safe handling of bow hunting tackle from the National Bowhunter Education Program.

All adult (18 years of age or older) first-time bowhunters must show proof of an NBEF Bowhunter Education Certificate to purchase a Bow and Arrow license **OR present** any prior years’ bow and arrow license, stamp, tag, or permit from any state or province.

Hunting Hours — Hunting hours begin one-half hour before sunrise and end one-half hour after sunset. See official sunrise-sunset table in the 1992 Big Game Hunting Regulations.

Landowner Permission — A sportsperson pursuing black bear must secure permission from the landowner, lessee or their agent before hunting on private property, even if the land is not posted.

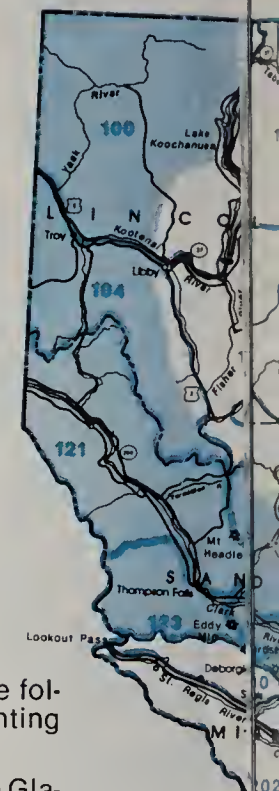
Mandatory Reporting Requirements — Within ten (10) days of harvesting a black bear, the successful sportsperson must present to an official of the department within the administrative region where the kill was made, the bear skull for purposes of removal of a tooth for aging. See Exceptions listed under the 500 series districts.



**CLOSED TO ALL
BEAR HUNTING**



**GENERAL RANGE OF
GRIZZLIES IN MONTANA**



NOTICE OF BLACK BEAR CLOSURE Portion of Hunting District 141

By order of the Montana Fish, Wildlife and Parks Commission, the following described area in Flathead County shall be closed to all hunting of black bear.

Beginning at the Java railroad trestle crossing U.S. Highway 2 at the Glacier National Park entrance, thence easterly along U.S. Highway 2 to U.S. Forest Service trail number 155 (Big River trail), thence southerly along said trail to trail number 489 (Edna Creek - Tranquil Basin trail), thence easterly along said trail to the divide between Spruce Creek and Tranquil Basin, thence easterly along said divide and continuing easterly along the divide between Devil, Moose, Goat, and Lynx creeks to a point above Geifer Lake, thence northerly along the divide between Devil Creek and Grizzly Creek to U.S. Highway 2 at the Geifer Creek bridge, thence north-easterly along said highway to the Fielding Road, thence northerly along said road to the Glacier National Park boundary, thence southwesterly along said boundary to the point of beginning.

BEAR HUNTERS—Know Your Target!

Look for a combination of characteristics

Straight
face
profile

No hump



Shorter,
darker
claws

BLACK BEAR

Dished
face
profile

Hump



Ruff of long
hair in spring
and fall

Long,
lighter
claws

GRIZZLY BEAR

Color and size are sometimes misleading

BLACK BEAR HUNTING DISTRICTS

TURN

IN

POACHERS

with information

WHAT ■

WHERE ■

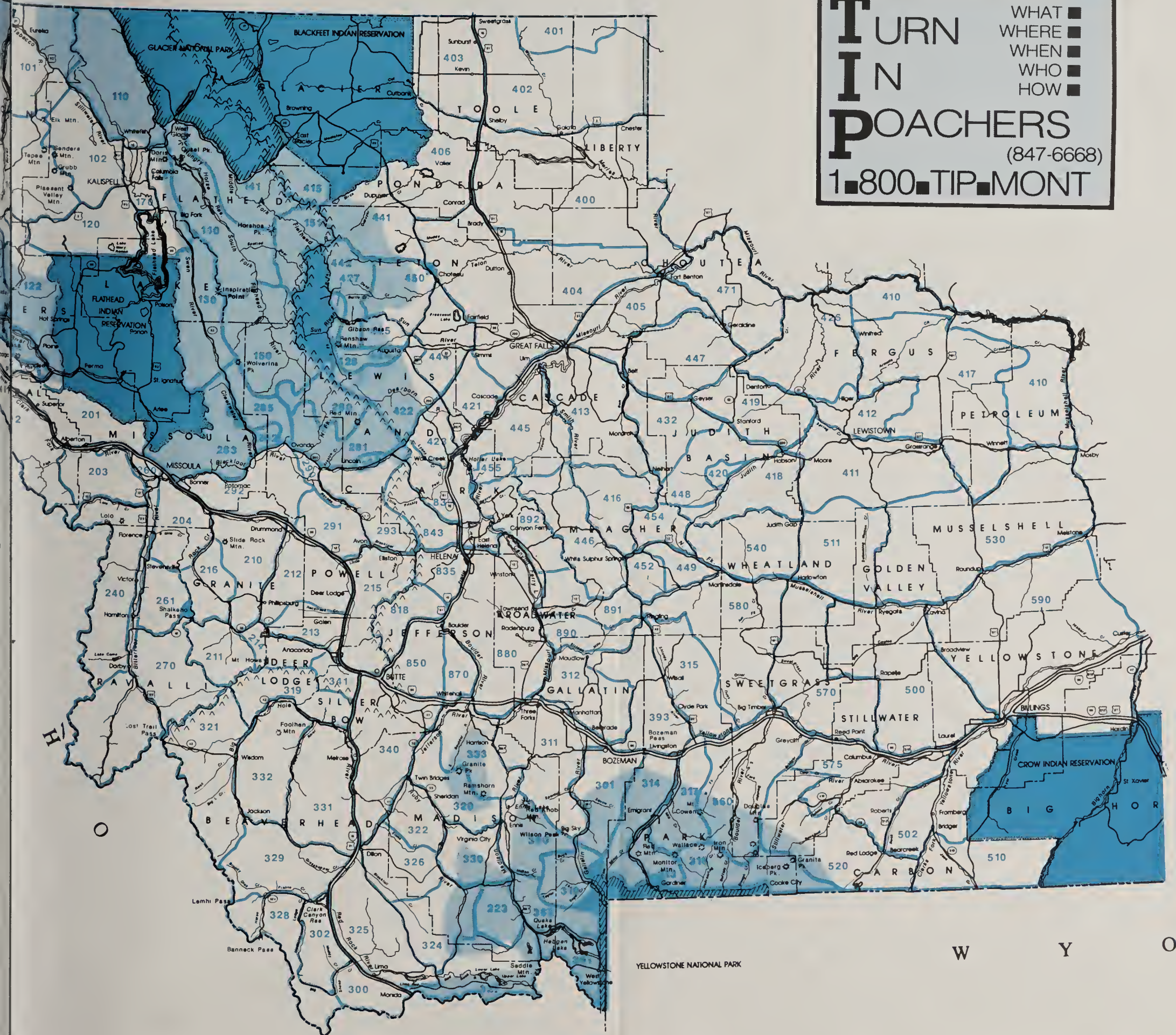
WHEN ■

WHO ■

HOW ■

(847-6668)

1.800.TIP.MONT



W Y O

General Season (Continued)

400 SERIES DISTRICTS—General Season—NO QUOTAS

April 15 - May 31	Those 400 series districts or portions of districts lying west of Interstate Highway 15.
Sept. 5 - Nov. 29	Those 400 series districts or portions of districts lying east of Interstate Highway 15.

500 SERIES DISTRICTS—General Season

SPRING SEASON:

HUNTING DISTRICTS (OR GROUPS)	HUNTING SEASONS	BEAR HARVEST QUOTAS	
		TOTAL	FEMALE SUB- QUOTA
500, 511, 530 & 590	April 15 - May 31	9	3
502, 520, 560 & 575	April 15 - May 31	20	6
520	The newly acquired Point of Rocks Wildlife Management Area (near Red Lodge) as posted, shall be closed December 1 to May 31 each year.		
510	April 15 - May 31	9	3
540	April 15 - June 15	NO QUOTA	
570 & 580	April 15 - May 31	12	4

FALL SEASON:

All hunting districts in the 500 series. Oct. 25 - Nov. 29

Exceptions:

540	Sept. 5 - Nov. 29	NO QUOTA
560	Sept. 5 - Oct. 24	5 NO QUOTA
That portion of hunting district 560 between main Boulder River and Lower Deer Creek outside National Forest Boundary only. All of 560 remains open Oct. 25-Nov. 29.		

When the quota or sub-quota is reached in the hunting district(s) or groups, the black bear season for that area will close upon 48 hour notice, but no later than last date of season shown in the regulations.

Any person taking a black bear in the spring in the 500 series districts except hunting district 540, and in the fall in the quota portion of 560, must personally report their black bear kill within 48 hour to an officer of the department in administrative Region 5 and must personally present the hide and skull within 10 days to an officer of the department residing in administrative Region 5 for purposes of inspection, recording sex and removing a tooth for aging. The hide and head must be retained even though damaged.

800 SERIES DISTRICTS—General Seasons—NO QUOTAS

Apr. 15 - June 15
Sept. 5 - Nov. 29

There is no special ARCHERY ONLY season for black bear.

By order of the Montana Fish, Wildlife and Parks Commission, the seasons, limits and regulations listed herein shall govern the 1992 black bear hunting seasons. These regulations are valid March 1, 1992, through February 28, 1993 and were adopted by the Fish, Wildlife and Parks Commission on February 7, 1992; K.L. Cool, Secretary.



**Montana Department of
Fish, Wildlife & Parks**

1992 ARCHERY

ARCHERY SEASON ONLY: SEPT. 5- OCT. 1
(Sept. 5-Nov. 8: Antelope)

1. Did you HUNT Big Game with a BOW this past ARCHERY season?

NO ☐ 1 YES ☐ 2 *If yes, fill in the appropriate spaces:* →

2. Did you KILL Big Game with a BOW this past ARCHERY season?

NO ☐ 1 YES ☐ 2

If yes, fill in the appropriate spaces: →

Please refer to the hunting district map for the 3 digit hunting district numbers. Antelope hunting district numbers are on a separate map.

SPECIES	HUNTING DISTRICT NUMBER HUNTED MOST	TOTAL DAYS HUNTED FOR ALL H.D.S HUNTED
MULE DEER		
WHITE-TAILED DEER		
ELK		
ANTELOPE		
BEAR		

SPECIES	HUNTING DISTRICT OF KILL	YOUNG (X) OF YEAR	ADULT (X) FEMALE	ADULT (X) MALE	POINTS SIDE 1 X SIDE 2 *
MULE DEER					X
WHITE-TAILED DEER					X
ELK					X
ANTELOPE					
BEAR					

(* If antler is longer than 4 inches)



1992 BLACK BEAR

Please record only YOUR OWN rifle and archery hunting activities in Montana during the 1992 hunting seasons.

1. Did you hunt BLACK BEAR in Montana during 1992? NO ☐ 1 YES ☐ 2

2. If yes, what season? SPRING ☐ 1 FALL ☐ 2 BOTH ☐ 3

SPRING = April, May & June

FALL = September, October & November

COMPLETE ALL SEASONS THAT APPLY:

SPRING	
Hunting District Number	No. Days Hunted

FALL	
Hunting District Number	No. Days Hunted

3. Please list up to 3 hunting districts hunted most for BLACK BEAR and the total days hunted in each: . . .

4. Did you KILL a BLACK BEAR? NO ☐ 1 YES ☐ 2
(Black, Brown or Cinnamon)

5. In which hunting district did you kill a bear?
Hunting District

6. Bear killed was a: MALE ☐ 1 FEMALE ☐ 2

7. Bear was killed during which time period? APRIL ☐ 1 MAY ☐ 2 JUNE ☐ 3

SEPT. ☐ 4 OCT. 1-24 ☐ 5 OCT. 25-31 ☐ 6 NOV. 1-29 ☐ 7

